

NOTES:

TEMPERATURE : SEE CABLE INFORMATION  
RANGE ON PAGE 2

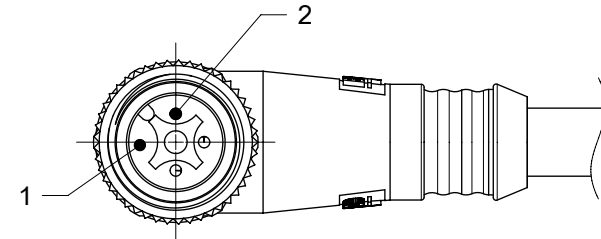
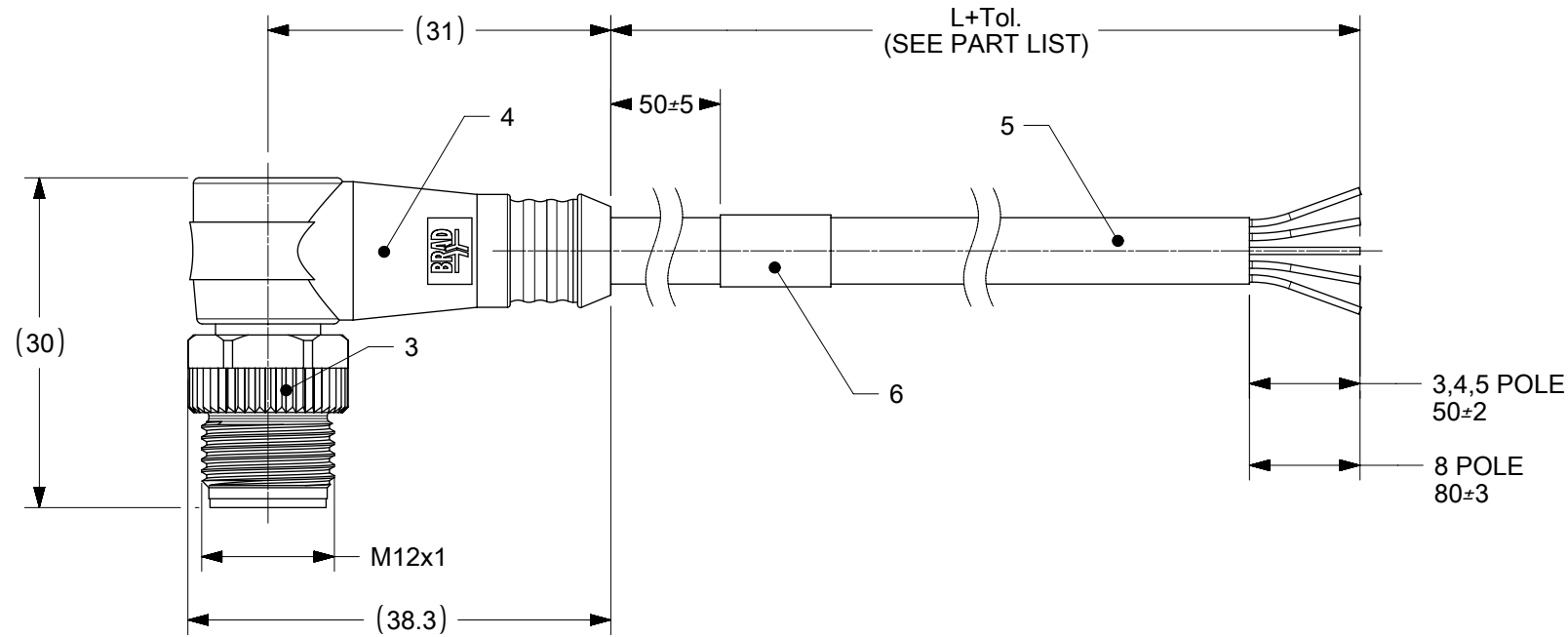
RATED VOLTAGE:

3, 4 contacts : 250V  
5 contacts : 60V  
8 contacts : 30V

RATED CURRENT:

3, 4, 5 contacts : 4A  
8 contacts : 2A

PROTECTION CLASS: IP 67



| TABLE OF LENGTH TOLERANCES |                     |               |
|----------------------------|---------------------|---------------|
| OVER                       | UP TO AND INCLUDING | TOLERANCE     |
| 0                          | 1000                | +40<br>0      |
| 1000                       | 5000                | +60<br>0      |
| 5000                       | 10000               | +80<br>0      |
| 10000                      | 20000               | +140<br>0     |
| 20000                      | 30000               | +160<br>0     |
| 30000                      | >                   | +1% OF LENGTH |

MATING FACE VIEW

| 3-WIRE                                                                                                                                                                                                        | 4-WIRE              | 5-WIRE              | 5-WIRE    | 8-WIRE    |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------|-----------|-----------|---|---|---|------|---|-------|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|-------|---|-------|---|------|---|-------|---|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|-------|---|-------|---|------|---|-------|---|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|-------|---|-------|---|------|---|-------|---|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|---|-------|---|-------|---|-------|---|--------|---|------|---|------|---|------|---|-----|
|                                                                                                                                                                                                               |                     |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| B30 CABLE                                                                                                                                                                                                     | B30, B33, B55 CABLE | B30, B33, B55 CABLE | B42 CABLE | B41 CABLE |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>-</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>-</td></tr></table> | PIN                 | WIRE                | 1         | BROWN     | 2 | - | 3 | BLUE | 4 | BLACK | 5 | - | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>-</td></tr></table> | PIN | WIRE | 1 | BROWN | 2 | WHITE | 3 | BLUE | 4 | BLACK | 5 | - | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>GREY</td></tr></table> | PIN | WIRE | 1 | BROWN | 2 | WHITE | 3 | BLUE | 4 | BLACK | 5 | GREY | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>BROWN</td></tr><tr><td>2</td><td>WHITE</td></tr><tr><td>3</td><td>BLUE</td></tr><tr><td>4</td><td>BLACK</td></tr><tr><td>5</td><td>GREEN/YELLOW</td></tr></table> | PIN | WIRE | 1 | BROWN | 2 | WHITE | 3 | BLUE | 4 | BLACK | 5 | GREEN/YELLOW | <table><tr><th>PIN</th><th>WIRE</th></tr><tr><td>1</td><td>WHITE</td></tr><tr><td>2</td><td>BROWN</td></tr><tr><td>3</td><td>GREEN</td></tr><tr><td>4</td><td>YELLOW</td></tr><tr><td>5</td><td>GREY</td></tr><tr><td>6</td><td>PINK</td></tr><tr><td>7</td><td>BLUE</td></tr><tr><td>8</td><td>RED</td></tr></table> | PIN | WIRE | 1 | WHITE | 2 | BROWN | 3 | GREEN | 4 | YELLOW | 5 | GREY | 6 | PINK | 7 | BLUE | 8 | RED |
| PIN                                                                                                                                                                                                           | WIRE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1                                                                                                                                                                                                             | BROWN               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2                                                                                                                                                                                                             | -                   |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3                                                                                                                                                                                                             | BLUE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4                                                                                                                                                                                                             | BLACK               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 5                                                                                                                                                                                                             | -                   |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| PIN                                                                                                                                                                                                           | WIRE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1                                                                                                                                                                                                             | BROWN               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2                                                                                                                                                                                                             | WHITE               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3                                                                                                                                                                                                             | BLUE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4                                                                                                                                                                                                             | BLACK               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 5                                                                                                                                                                                                             | -                   |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| PIN                                                                                                                                                                                                           | WIRE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1                                                                                                                                                                                                             | BROWN               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2                                                                                                                                                                                                             | WHITE               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3                                                                                                                                                                                                             | BLUE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4                                                                                                                                                                                                             | BLACK               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 5                                                                                                                                                                                                             | GREY                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| PIN                                                                                                                                                                                                           | WIRE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1                                                                                                                                                                                                             | BROWN               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2                                                                                                                                                                                                             | WHITE               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3                                                                                                                                                                                                             | BLUE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4                                                                                                                                                                                                             | BLACK               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 5                                                                                                                                                                                                             | GREEN/YELLOW        |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| PIN                                                                                                                                                                                                           | WIRE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 1                                                                                                                                                                                                             | WHITE               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 2                                                                                                                                                                                                             | BROWN               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 3                                                                                                                                                                                                             | GREEN               |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 4                                                                                                                                                                                                             | YELLOW              |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 5                                                                                                                                                                                                             | GREY                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 6                                                                                                                                                                                                             | PINK                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 7                                                                                                                                                                                                             | BLUE                |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |
| 8                                                                                                                                                                                                             | RED                 |                     |           |           |   |   |   |      |   |       |   |   |                                                                                                                                                                                                                   |     |      |   |       |   |       |   |      |   |       |   |   |                                                                                                                                                                                                                      |     |      |   |       |   |       |   |      |   |       |   |      |                                                                                                                                                                                                                              |     |      |   |       |   |       |   |      |   |       |   |              |                                                                                                                                                                                                                                                                                                                       |     |      |   |       |   |       |   |       |   |        |   |      |   |      |   |      |   |     |

CODING REQUIRED TO  
IEC 61076-2-101

BOM

| 6    | 1       | LABEL             | VINYL                 | YELLOW              |
|------|---------|-------------------|-----------------------|---------------------|
| 5    | -       | CABLE             | SEE CABLE INFORMATION | -                   |
| 4    | -       | OVERMOULD         | TPU                   | BLACK               |
| 3    | 1       | COUPLING NUT MALE | BRASS                 | Ni-PLATED           |
| 2    | 3/4/5/8 | CONTACT MALE      | BRASS                 | GOLD OVER Ni-PLATED |
| 1    | 1       | INSERT MALE       | PA                    | BLACK               |
| ITEM | QTY.    | DESCRIPTION       | MATERIAL              | FINISH/COLOR        |

| SYMBOLS         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |       |    |       |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------|----|-------|
|                 | <table><tr><th>DIMENSION UNITS</th><th>SCALE</th></tr><tr><td>mm</td><td>1.5:1</td></tr></table>                                              | DIMENSION UNITS | SCALE | mm | 1.5:1 |
| DIMENSION UNITS | SCALE                                                                                                                                         |                 |       |    |       |
| mm              | 1.5:1                                                                                                                                         |                 |       |    |       |
|                 | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |                 |       |    |       |
|                 | ANGULAR TOL ± 1.0°                                                                                                                            |                 |       |    |       |
|                 | 4 PLACES ±                                                                                                                                    |                 |       |    |       |
|                 | 3 PLACES ±                                                                                                                                    |                 |       |    |       |
|                 | 2 PLACES ± 0.05                                                                                                                               |                 |       |    |       |
|                 | 1 PLACE ± 0.3                                                                                                                                 |                 |       |    |       |
|                 | 0 PLACES ± 0.5                                                                                                                                |                 |       |    |       |
|                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                                                                                          |                 |       |    |       |
|                 | THIRD ANGLE PROJECTION                                                                                                                        |                 |       |    |       |
|                 | DRAWING                                                                                                                                       |                 |       |    |       |
|                 | SERIES                                                                                                                                        |                 |       |    |       |
|                 | MATERIAL NUMBER                                                                                                                               |                 |       |    |       |
|                 | CUSTOMER                                                                                                                                      |                 |       |    |       |
|                 | SHEET NUMBER                                                                                                                                  |                 |       |    |       |

ENGINEERING NO - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

8

0

X

0

0

7

B

X

X

M

X

X

X

X

80 = M12x1  
SINGLE ENDED

POLES:  
3 = 3 POLES  
4 = 4 POLES  
5 = 5 POLES  
8 = 8 POLES

HEADER:  
007 = PLUG MALE 90°

CABLE TYPE:  
B30 - 0.34mm<sup>2</sup>, TPU BLACK  
B42 - 0.34mm<sup>2</sup>, TPU BLACK  
B41 - 0.25mm<sup>2</sup>, TPU BLACK  
B33 - 0.34mm<sup>2</sup>, TPU GREY

UNIT:  
M = METER

LENGTH:  
EXAMPLE:  
010 = 1 m  
050 = 5 m  
100 = 10 m

Overmold color:  
Blank (Standard)=Black  
A=Grey / G=Black / Y=Yellow / R=Red  
  
Coupling Nut:  
Blank (Standard)=Knurled/Hex Brass, Ni Plated  
5=Knurled Derlin  
7=Knurled Brass Ni Plated, Teflon Coated  
  
H= 2 pcs. of I/D Carrier PVC Transparent  
(Cables B36 always with  
2 pcs. I/D Carrier)

CABLE INFORMATION (for more information see Cable Data Sheet).

| CABLE TYPE | NO. OF WIRES | CROSS SECTION       | CABLE JACKET | UL       | CSA | STATIC: TEMP. / BENDING RADIUS | DYNAMIC: TEMP. / BENDING RADIUS | DRAG CHAIN                             | OTHER                |
|------------|--------------|---------------------|--------------|----------|-----|--------------------------------|---------------------------------|----------------------------------------|----------------------|
| B30        | 3 / 4 / 5    | 0.34mm <sup>2</sup> | TPU Black    | UL 21215 | YES | -40°C to +90°C<br>5xO.D.       | -25°C to +80°C<br>7.5xO.D.      | up to 5 000 000 cycles<br>at temp 20°C | WELD SLAG RESISTANCE |
| B41        | 8            | 0.25mm <sup>2</sup> | TPU Black    |          |     |                                |                                 |                                        |                      |
| B42        | 5            | 0.34mm <sup>2</sup> | TPU Black    |          |     |                                |                                 |                                        |                      |
| B33        | 4 / 5        | 0.34mm <sup>2</sup> | TPU Gray     |          |     |                                |                                 |                                        |                      |
| B55        | 4 / 5        | 0.34mm <sup>2</sup> | TPU Yellow   |          |     |                                |                                 |                                        |                      |

PART LIST

| MOLEX PN   | ENGINEERING No | L [mm] |
|------------|----------------|--------|
| 1200652283 | 803007B30M010  | 1000   |
| 1200652284 | 803007B30M020  | 2000   |
| 1200652285 | 803007B30M050  | 5000   |
| 1200652286 | 803007B30M100  | 10000  |
| 1200652287 | 804007B30M010  | 1000   |
| 1200652288 | 804007B30M020  | 2000   |
| 1200652289 | 804007B30M050  | 5000   |
| 1200652290 | 804007B30M100  | 10000  |
| 1200659586 | 804007B30M200  | 20000  |
| 1200659530 | 805007B30M010  | 1000   |
| 1200659531 | 805007B30M020  | 2000   |
| 1200659532 | 805007B30M050  | 5000   |
| 1200659533 | 805007B30M100  | 10000  |
| 1200652291 | 805007B42M010  | 1000   |
| 1200652292 | 805007B42M020  | 2000   |
| 1200652293 | 805007B42M050  | 5000   |
| 1200652294 | 805007B42M100  | 10000  |

| MOLEX PN   | ENGINEERING No | L [mm] |
|------------|----------------|--------|
| 1200659545 | 805007B42M200  | 20000  |
| 1200652314 | 808007B41M010  | 1000   |
| 1200652315 | 808007B41M020  | 2000   |
| 1200652316 | 808007B41M050  | 5000   |
| 1200652317 | 808007B41M100  | 10000  |
| 1200656402 | 805007B30M150  | 15000  |
| 1200656403 | 805007B30M200  | 20000  |
| 1200656404 | 805007B30M300  | 30000  |
| 1200656405 | 805007B30M500  | 50000  |
| 1200656615 | 804007B33M010A | 1000   |
| 1200656616 | 804007B33M020A | 2000   |
| 1200656617 | 804007B33M050A | 5000   |
| 1200656618 | 804007B33M100A | 10000  |
| 1200656619 | 804007B33M200A | 20000  |
| 1200656683 | 805007B33M010A | 1000   |
| 1200656684 | 805007B33M020A | 2000   |
| 1200656685 | 805007B33M050A | 5000   |

| MOLEX PN   | ENGINEERING No | L [mm] |
|------------|----------------|--------|
| 1200656686 | 805007B33M100A | 10000  |
| 1200656687 | 805007B33M200A | 20000  |
| 1200656638 | 804007B55M010Y | 1000   |
| 1200656639 | 804007B55M020Y | 2000   |
| 1200656640 | 804007B55M050Y | 5000   |
| 1200656641 | 804007B55M100Y | 10000  |
| 1200656642 | 804007B55M200Y | 20000  |
| 1200656688 | 805007B55M010Y | 1000   |
| 1200656689 | 805007B55M020Y | 2000   |
| 1200656690 | 805007B55M050Y | 5000   |

| MOLEX PN   | ENGINEERING No | L [mm] |
|------------|----------------|--------|
| 1200656691 | 805007B55M100Y | 10000  |
| 1200656692 | 805007B55M200Y | 20000  |
|            |                |        |
|            |                |        |
|            |                |        |
|            |                |        |
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|            |                |        |
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SYMBOLS

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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS

SCALE

mm

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADDED NEW P/NS AND CABLE TYPE B33, B55

EC NO: 620823

DRWN: SSM 2019/07/17

CHK'D: RSILLER 2019/07/17

APPR: RSILLER 2019/07/17

INITIAL REVISION:

DRWN: FSCHAFHAUSER 2014/02/03

APPR: CBURGER 2014/05/07

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

A3-SIZE

120065

SEE PART LIST

GENERAL MARKET

2 OF 2

DOCUMENT STATUS

P1

RELEASE DATE

2019/07/17

12:17:31

10

9

8

7

6

5

4

3

2

1

FORMAT: mox-16-05A3

REVISION: 11

DATE: 2018/01/18

10

9

8

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6

5

4

3

2

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molex

CSE M12 XP AC MA RA XM  
SE UNSH

PRODUCT CUSTOMER DRAWING

|                 |          |          |          |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| SD-120065-075   | PSD      | 001      | A1       |