



**Part Number :** [1200280462](#)  
**Product Description :** Nano-Change (M8)  
Double-Ended Cordset with Knurled Hexnut,  
3 Poles, A-Coded, Male (Straight) to Female  
(Straight), 24 AWG, Black PVC Cable, 5.0m  
(16.40') Length  
**Series Number :** 120028  
**Status :** Active  
**Product Category :** Circular Industrial  
Cordsets  
**Engineering Number :** 443030E02M050



Documents & Resources

Drawings  
[1200280462\\_sd.pdf](#)

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Contains Lead... per D(2024)4144-DC (27 June 2024)                                    |
| EU RoHS            | Compliant with Exemption 6(c) per EU 2015/863                                         |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|              |                                                                                                                                                                  |
|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                           |
| Category     | Circular Industrial Cordsets                                                                                                                                     |
| Series       | 120028                                                                                                                                                           |
| Description  | Nano-Change (M8) Double-Ended Cordset with Knurled Hexnut, 3 Poles, A-Coded, Male (Straight) to Female (Straight), 24 AWG, Black PVC Cable, 5.0m (16.40') Length |
| IP Rating    | IP67                                                                                                                                                             |
| Product Name | Nano-Change (M8)                                                                                                                                                 |
| Protocol     | N/A                                                                                                                                                              |
| Type         | Double Ended                                                                                                                                                     |
| UPC          | 883906026578                                                                                                                                                     |

#### Agency

|    |         |
|----|---------|
| UL | E152210 |
|----|---------|

#### Electrical

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 3.0A            |
| Voltage - Maximum             | 60V AC / 75V DC |

#### Physical

|                      |                  |
|----------------------|------------------|
| Cable Diameter       | 5.00mm (.197")   |
| Cable Length         | 5.0m (16.40')    |
| Color - Cable Jacket | Black            |
| Connector End A      | Nano-Change (M8) |
| Connector End B      | Nano-Change (M8) |
| Coupling Style       | Threaded         |
| Gender               | Female-Male      |
| Keyway               | A-Coded          |

|                               |                      |
|-------------------------------|----------------------|
| LED Indicator                 | None                 |
| Material - Cable Jacket       | PVC                  |
| Material - Connector Body     | PUR                  |
| Material - Contact            | Copper Alloy         |
| Material - Coupling Nut       | Nickel-plated Brass  |
| Material - O-Ring             | Fluoro-elastomer     |
| Material - Plating Mating     | Gold                 |
| Net Weight                    | 164.900/g            |
| Orientation                   | Straight to Straight |
| Poles                         | 3                    |
| Temperature Range - Operating | -25° to +80°C        |
| Wire/Cable Type               | UL 2464              |
| Wire Size (AWG)               | 24                   |