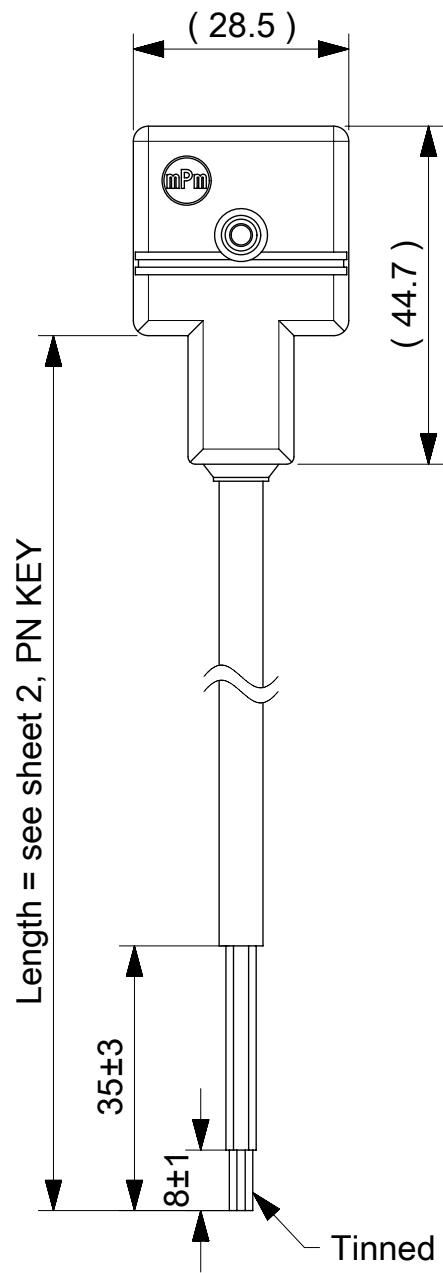
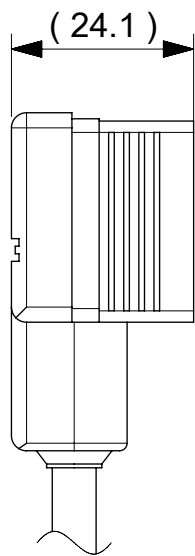




Type of Screw and Gasket
see sheet 2, PN KEY



Face View (see Insert Orientation)

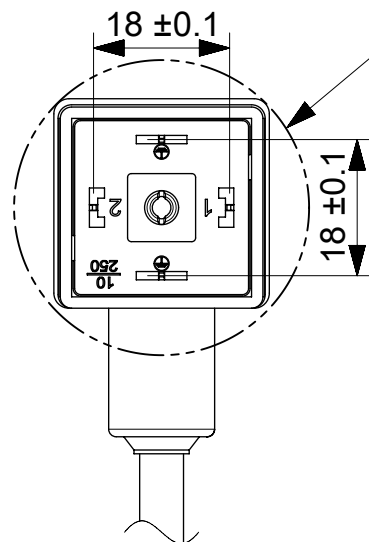
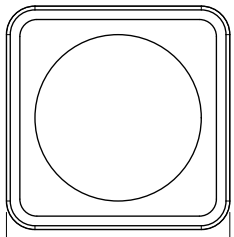
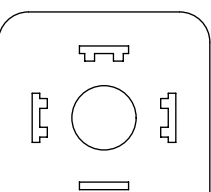
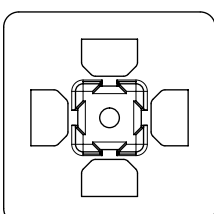
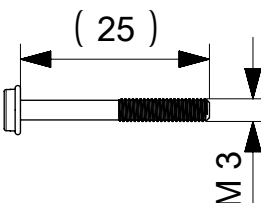
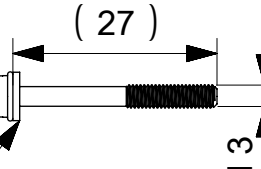
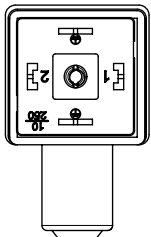
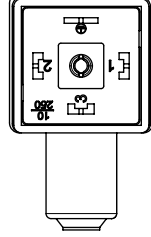
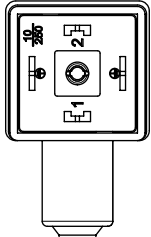
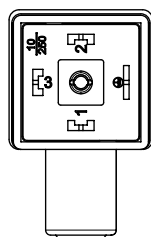
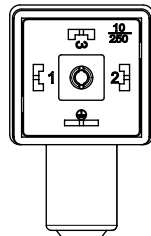
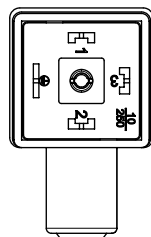


TABLE OF LENGTH TOLERANCES [mm]		
Over	Up to and Including	TOLERANCE
0	1000	±20
1000	3000	±30
3000	5000	±40
5000	10000	±50
10000	15000	±100
15000	20000	±150
20000		±L/100

Tinned Ends

Type of Screws and Gaskets

Profiled Gasket	Flat Gasket	Integrated Gasket	Screw M3x25
 (□ 29.5) (5.2) (1.8)	 (□ 28) (1.8)	 (□ 28) (1.8) (9.3)	 (25) M 3
			 (27) M 3 NBR Washer

INSERT ORIENTATION	
Housing 2 Poles + 2 Earths	Housing 3 Poles + 1 Earth
Earth H6/H12 E152XXXXXX1X 	Earth H12 E152XXXXXX2X PIN 3 Not Used 
Earth H3/H9 E152XXXXXX4X 	Earth H3 E152XXXXXX3X PIN 3 Not Used 
	Earth H6 E152XXXXXX6X PIN 3 Not Used 
	Earth H9 E152XXXXXX9X PIN 3 Not Used 

WIRING CONFIGURATION	
Housing 2 Poles + 2 Earths	Housing 3 Poles + 1 Earth
Brown(or Black 1) ○ ————— < 1 Blue(or Black 2) ○ ————— < 2 Green/Yellow ○ ————— < ⊕ (or Black 3) ————— < ⊕	Brown(or Black 1) ○ ————— < 1 Blue(or Black 2) ○ ————— < 2 Green/Yellow ○ ————— < ⊕ (or Black 3) ————— < ⊕ Not Used ○ ————— < 3

QUALITY SYMBOLS

FA = 0

FE = 0

FEB = 0

▼ = 0

▽ = 0

⊗ = 0

■ = 0

▽ = 0

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EC NO: 113606

DRWN: APAWLAK01

CHK'D: MIWASIECZKO

APPR: MIWASIECZKO

2017/02/07

2017/02/20

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± °

4 PLACES ±

3 PLACES ±

2 PLACES ±

1 PLACE ±

0 PLACES ±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

MM

DRWN BY

APAWLAK01

CHK'D BY

MIWASIECZKO

APPR BY

MIWASIECZKO

DRAWING SIZE

A3

SCALE

1:1

DATE

2017/02/07

DATE

2017/02/20

THIRD ANGLE PROJECTION

molex®

STANDARD E152 DIN FORM A EN 175301-803

PRODUCT CUSTOMER DRAWING

SERIES

121040

MATERIAL NUMBER

SEE 1210400050 PDP

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

1210400050

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

1 OF 2

FORMAT: master-B-prod-A3
REVISION: 15
DATE: 2015/12/14

PN KEY - NUMERICAL CODE (Available parts see PART LIST table. Others parts available upon request).

E 1 5 2 X X X X X X X X

E - Packing without bags
W - Single Packing

Number of wires:
2 - 2 Wires + Earth

Cable type:
See Table

Head Colour:
G - Grey
N - Black
A - CSA-UL Black
B - CSA-UL Grey

Cable Length in [cm]
Examples:
050 = 50cm
300 = 300cm
10K = 1000cm

Earth PIN location (see insert orientation table):
1 = Double Earth on H6 & H12
2 = Earth on H12
3 = Earth on H3
4 = Double Earth on H3 & H9
6 = Earth on H6
9 = Earth on H9

Type of Gasket and Screw (see sheet 1):
1 = NBR Profile Gasket + Fixing Screw M3x25mm
2 = NBR Flat Gasket + Fixing Screw M3x25mm
3 = Silicone Profile Gasket + Fixing Screw M3x25mm
4 = Silicone Flat Gasket + Fixing Screw M3x25mm
P = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm Assembled on Connector
R = NBR Integrated Gasket + Fixing Screw with Washer M3x27mm NOT Assembled on Connector
T = NBR Profile Gasket + Fixing Screw with Washer M3x27mm

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE O.D.	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	SHIELD
A2	3	AWG 20	5.6mm±0.2	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
A3	3	AWG 18	6.5mm±0.25	PVC BLACK	UL 2661	CSA C22.2	-30°C to +105°C, 10xO.D.	-5°C to +105°C, 15xO.D.	-
B2	3	AWG 20	5.6mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
B3	3	AWG 18	6.5mm±0.2	PUR BLACK	UL 20668	CSA C22.2	-40°C to +90°C, 5xO.D.	-25°C to +90°C, 10xO.D.	-
I0	3	1mm²	7.6mm±0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	YES
I2	3	0.5mm²	5.5mm+0.3	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
I4	3	1mm²	7.1mm+0.2	PVC GREY	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-
N2	3	0.5mm²	5.6mm±0.7	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N3	3	0.75mm²	6.8mm±0.8	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N4	3	1mm²	7.15mm±0.85	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
N5	3	1.5mm²	8.4mm±1	PVC BLACK	-	-	-20°C to +70°C, 3xO.D.	-15°C to +70°C, 5xO.D.	-
P2	3	0.5mm²	5.5mm+0.3	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
P3	3	0.75mm²	6.5mm±0.2	PUR BLACK	-	-	-40°C to +90°C, 7.5xO.D.	-15°C to +90°C, 12.5xO.D.	-
R4	3	1mm²	7.1mm±0.2	TPR HF BLACK	-	-	-	-	-
Y3	3	0.75mm²	6.5mm±0.2	SILICONE RED	-	-	-60°C to +180°C, 15xO.D.	-	-

Notes:
1. Please see excel sheet 1210400050_PDP for currently configured part numbers.

RELEASE STATUS	P1	RELEASE DATE	20.02.2017	15:27:27
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QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
FA = 0	EC NO: 113606 DRWN: APAWLAK01 CHK'D: MIWASIECZKO APPR: MIWASIECZKO	2017/02/07	2017/02/20	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex®		
FC = 0						MM		1:1				
FB = 0						DRWN BY		DATE				
FP = 0						APAWLAK01		2017/02/07		STANDARD E152 DIN FORM A EN 175301-803		
FV = 0						CHK'D BY		DATE				
C = 0						APPR BY		DATE				
C = 0						MIWASIECZKO		2017/02/20		PRODUCT CUSTOMER DRAWING		
X = 0						DRAWING SIZE		THIRD ANGLE PROJECTION				
■ = 0						A3						
V = 0						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SERIES		MATERIAL NUMBER
	A		REV		121040		SEE 1210400050 PDP		GENERAL MARKET			
					DOCUMENT NUMBER			DOC TYPE		DOC PART		
					1210400050			PSD		000		
								SHEET NUMBER				
										2 OF 2		