



**Part Number :** 1200270131

**Series Number :** 120027

**Product Category :** Circular Industrial Cordsets

**Product Description :** Nano-Change (M8) Single-Ended Cordset, 4 Poles, A-Coded, Female (Straight) to Pigtail, 0.25mm<sup>2</sup> Black PVC Cable, 10.0m (32.81') Length

**Status :** Active

**Engineering Number :** 404000E02M100

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## Documents & Resources

### Drawings

Drawing 1200270131\_sd.pdf

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## 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(2022)9120-DC (17 Jan 2023)                                        |
| 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         | 120027                                                                                                                                            |
| Description    | Nano-Change (M8) Single-Ended Cordset, 4 Poles, A-Coded, Female (Straight) to Pigtail, 0.25mm <sup>2</sup> Black PVC Cable, 10.0m (32.81') Length |
| IP Rating      | IP67                                                                                                                                              |
| Product Family | Brad Nano-Change (M8) Products                                                                                                                    |
| Product Name   | Nano-Change (M8)                                                                                                                                  |
| Protocol       | N/A                                                                                                                                               |
| Region         | Europe                                                                                                                                            |
| Type           | Single Ended                                                                                                                                      |
| UPC            | 883906026363                                                                                                                                      |

### Agency

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

### Electrical

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

### Physical

|                         |                  |
|-------------------------|------------------|
| Cable Diameter          | 5.08mm (.200")   |
| Cable Length            | 10.0m (32.81')   |
| Color - Cable Jacket    | Black            |
| Connector End A         | Nano-Change (M8) |
| Connector End B         | Pigtail          |
| Coupling Style          | Threaded         |
| Gender                  | Female-Pigtail   |
| Keyway                  | A-Coded          |
| LED Indicator           | No               |
| 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                    | 357.400/g           |
| Orientation                   | Straight to Pigtail |
| Poles                         | 4                   |
| Temperature Range - Operating | -25° to +80°C       |
| Wire/Cable Type               | UL 2464             |
| Wire Size (AWG)               | 24                  |