



**Part Number :** [1300270049](#)

**Product Description :** Micro-Change (M12) Single-Ended Cordset, 5 Poles, Female (Straight) to Pigtail, 22 AWG, Gray DeviceNet Cable Plus Drain, 2.0m (6.56') Length

**Series Number :** 130027

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** DND20A-M020



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## Documents & Resources


### Drawings

[1300270049\\_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         | Not Contained per D(2024)7663-DC (21 Jan 2025)                                        |
| EU RoHS            | Compliant 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)

## Part Details

### General

|              |                                                                                                                                              |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                       |
| Category     | Circular Industrial Cordsets                                                                                                                 |
| Series       | 130027                                                                                                                                       |
| Description  | Micro-Change (M12) Single-Ended Cordset, 5 Poles, Female (Straight) to Pigtail, 22 AWG, Gray DeviceNet Cable Plus Drain, 2.0m (6.56') Length |
| IP Rating    | IP67                                                                                                                                         |
| Product Name | DeviceNet, Micro-Change (M12)                                                                                                                |
| Protocol     | N/A                                                                                                                                          |
| Type         | Single Ended                                                                                                                                 |
| UPC          | 78172536071                                                                                                                                  |

### Agency

|     |         |
|-----|---------|
| CSA | LR6837  |
| UL  | E152210 |

### Electrical

|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 4.0A       |
| Voltage - Maximum             | 250V AC/DC |

### Physical

|                      |                    |
|----------------------|--------------------|
| Cable Diameter       | 7.24mm (.285")     |
| Cable Length         | 2.0m (6.56')       |
| Color - Cable Jacket | Gray               |
| Connector End A      | Micro-Change (M12) |
| Connector End B      | Pigtail            |
| Coupling Style       | Threaded           |
| Gender               | Female-Pigtail     |
| Keyway               | Single             |
| LED Indicator        | None               |

|                               |                     |
|-------------------------------|---------------------|
| Material - Cable Jacket       | PVC                 |
| Material - Connector Body     | TPE                 |
| Material - Contact            | Copper Alloy        |
| Material - Coupling Nut       | Zinc Die-Cast       |
| Material - O-Ring             | Nitrile Rubber      |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 60.010/g            |
| Orientation                   | Straight to Pigtail |
| Poles                         | 5                   |
| Temperature Range - Operating | -20° to +80°C       |
| Wire/Cable Type               | Thin (Drop)         |
| Wire Size (AWG)               | 22                  |

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