



**Part Number :** [1300280091](#)

**Product Description :** Micro-Change (M12) Double-Ended Cordset, 5 Poles, Male (Straight) to Female (90°), 22 AWG, Gray DeviceNet Thin Stranded Cable, 5.0m (16.40') Length

**Series Number :** 130028

**Status :** Active

**Product Category :** Circular Industrial Cordsets

**Engineering Number :** DND32A-M050



---

## Documents & Resources


### Drawings

[1300280091\\_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)7663-DC (21 Jan 2025)  |
| 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

---

## Part Details

### General

|              |   |
|--------------|---|
| Status       | Active  |
| Category     | Circular Industrial Cordsets  |
| Series       | 130028  |
| Description  | Micro-Change (M12) Double-Ended Cordset, 5 Poles, Male (Straight) to Female (90°), 22 AWG, Gray DeviceNet Thin Stranded Cable, 5.0m (16.40') Length |
| IP Rating    | IP67  |
| Product Name | DeviceNet, Micro-Change (M12)   |
| Protocol     | N/A   |
| Type         | Double Ended  |
| UPC          | 78678835157   |

### 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         | 5.0m (16.40')      |
| Color - Cable Jacket | Gray               |
| Connector End A      | Micro-Change (M12) |
| Connector End B      | Micro-Change (M12) |
| Coupling Style       | Threaded           |
| Gender               | Female-Male        |

|                               |                 |
|-------------------------------|-----------------|
| 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                    | 141.550/g       |
| Orientation                   | 90° to Straight |
| Poles                         | 5               |
| Temperature Range - Operating | -20° to +80°C   |
| Wire/Cable Type               | Thin (Drop)     |
| Wire Size (AWG)               | 22              |