



**Part Number :** [1300280028](#)  
**Product Description :** Micro-Change (M12) Double-Ended Cordset, 5 Poles, Male (Straight) to Female (Straight), 22 AWG, Gray DeviceNet Thin Stranded Cable, 1.0m (3.28') Length  
**Series Number :** 130028  
**Status :** Active  
**Product Category :** Industrial Cable Assemblies  
**Engineering Part Number :** DND22A-M010

## Documents and Resources

### Drawings

[1300280028\\_sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                      |
| REACH SVHC         | Not Contained per D(2025)4165-DC (25 June 2025)                                                         |
| EU RoHS            | Compliant per EU 2015/863                                                                               |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

#### CE - Declaration of Conformity

#### UKCA - Declaration of Conformity

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## Part Details

### General

|              |                                                                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                  |
| Category     | Industrial Cable Assemblies                                                                                                                             |
| Series       | 130028                                                                                                                                                  |
| Description  | Micro-Change (M12) Double-Ended Cordset, 5 Poles, Male (Straight) to Female (Straight), 22 AWG, Gray DeviceNet Thin Stranded Cable, 1.0m (3.28') Length |
| IP Rating    | IP67                                                                                                                                                    |
| Product Name | DeviceNet, Micro-Change (M12)                                                                                                                           |
| Protocol     | N/A                                                                                                                                                     |
| Type         | Double Ended                                                                                                                                            |
| UPC          | 78172553219                                                                                                                                             |

### 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   | 1.0m (3.28')   |

|                               |                      |
|-------------------------------|----------------------|
| 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                    | 106.217/g            |
| Orientation                   | Straight to Straight |
| Poles                         | 5                    |
| Temperature Range - Operating | -20° to +80°C        |
| Wire/Cable Type               | Thin (Drop)          |
| Wire Size (AWG)               | 22                   |