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**Part Number:** [0848548028](#)  
**Status:** **Active**  
**Overview:** Brad Micro-Change (M12) Connectors  
**Description:** DeviceNet Micro-Change Single-Ended, 5 Poles, Male (90°) to Pigtail, NMEA 2000 Style Cable, 0.50m (1.64') Length, meets NMEA 2000

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                    |  |
|--------------------|--|
| Product Family     | Industrial Cordsets                                |
| Series             | <a href="#">84854</a>                              |
| Connector End A    | Micro-Change (M12)                                 |
| Connector End B    | Pigtail  |
| IP Rating          | IP67   |
| Material - Contact | Copper Alloy                                       |
| Overview           | <a href="#">Brad Micro-Change (M12) Connectors</a> |
| Product Name       | Micro-Change (M12)                                 |
| Protocol           | N/A  |
| Region             | Europe   |
| Type               | Single Ended                                       |
| UPC                | 822350909266                                       |

**Physical**

|                               |                     |
|-------------------------------|---------------------|
| Cable Diameter                | 5.72mm (.225")      |
| Cable Length                  | 0.50m (1.64')       |
| Color - Cable Jacket          | Gray                |
| Coupling Style                | Threaded            |
| Gender                        | Male-Pigtail        |
| Keyway                        | Single              |
| LED Indicator                 | No                  |
| Material - Cable Jacket       | PVC                 |
| Material - Connector Body     | PVC                 |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - Plating Mating     | Gold                |
| Orientation                   | 90° to Pigtail      |
| Poles                         | 5                   |
| Temperature Range - Operating | -20°C to +105°C     |
| Wire Size AWG                 | 22                  |
| Wire/Cable Type               | Thin Standard Cable |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 4.0A |
| Voltage - Maximum             | 250V |

**Material Info**

|                    |                   |
|--------------------|-------------------|
| Engineering Number | NMEA-DND03NB-M005 |
|--------------------|-------------------|

**Reference - Drawing Numbers**

|               |                                |
|---------------|--------------------------------|
| Sales Drawing | SD-84854-018-001, SD-84854-024 |
|---------------|--------------------------------|



**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

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