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**Part Number:** [1200805029](#)  
**Status:** **Active**  
**Overview:** Brad Ultra-Lock Connection System  
**Description:** Micro-Change (M12) to Ultra-Lock (M12) Double-Ended Cordset, 4 Poles, Male (Straight) to Female (Straight), 22 AWG, PUR Cable, 1.0m (3.28') Length

**Documents:**

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

**General**

|                    |   |
|--------------------|---|
| Product Family     | Industrial Cordsets                               |
| Series             | <a href="#">120080</a>                            |
| Connector End A    | Micro-Change (M12)                                |
| Connector End B    | Ultra-Lock (M12)                                  |
| IP Rating          | IP69K   |
| Material - Contact | Copper Alloy                                      |
| Overview           | <a href="#">Brad Ultra-Lock Connection System</a> |
| Product Name       | Micro-Change (M12), Ultra-Lock (M12)              |
| Protocol           | EtherNet  |
| Region             | Europe  |
| Type               | Double Ended                                      |
| UPC                | 78172509159                                       |

**Physical**

|                               |                      |
|-------------------------------|----------------------|
| Cable Diameter                | 5.30mm (.209")       |
| Cable Length                  | 1.0m (3.28')         |
| Color - Cable Jacket          | Black                |
| Coupling Style                | Threaded             |
| Gender                        | Female-Male          |
| Keyway                        | Single               |
| LED Indicator                 | No                   |
| Material - Cable Jacket       | PUR                  |
| Material - Connector Body     | PUR                  |
| Material - Coupling Nut       | Nickel-plated Brass  |
| Material - O-Ring             | Fluoro-elastomer     |
| Material - Plating Mating     | Gold                 |
| Orientation                   | Straight to Straight |
| Poles                         | 4                    |
| Temperature Range - Operating | -20°C to +80°C       |
| Wire Size AWG                 | 22                   |
| Wire/Cable Type               | EU Cable             |

**Electrical**

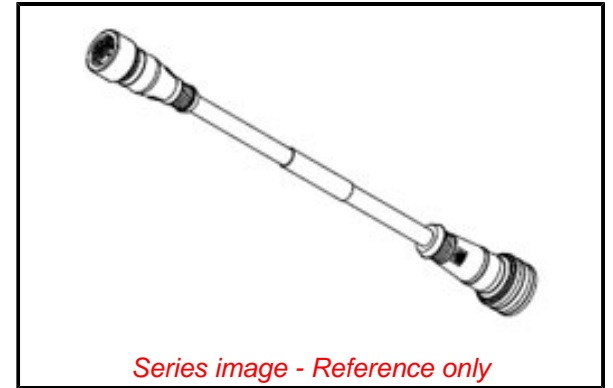
|                               |            |
|-------------------------------|------------|
| Current - Maximum per Contact | 4.0A       |
| Voltage - Maximum             | 250V AC/DC |

**Material Info**

|                    |               |
|--------------------|---------------|
| Engineering Number | 8W4030P03M010 |
|--------------------|---------------|

**Reference - Drawing Numbers**

|               |               |
|---------------|---------------|
| Sales Drawing | SD-120080-006 |
|---------------|---------------|



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per - ECHA\_01\_2020 (16 January 2020)

Lead

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

**Search Parts in this Series**

[120080 Series](#)