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**Part Number:** [1206132008](#)  
**Status:** **Active**  
**Overview:** Brad Ultra-Lock (M12) EX Connection System for Zone 2 Hazardous Locations  
**Description:** Ultra-Lock (M12) EX Double-Ended Cordset, Zone 2, 5 Poles, Male (90°) to Female (90°), 22 AWG, TPE Cable, 1.0m (3.28') Length

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-120614-001-001 \(PDF\)](#)

|                                    |                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------|
| <b>General</b>                     |                                                                                           |
| Product Family                     | Industrial Cordsets                                                                       |
| Series                             | <a href="#">120613</a>                                                                    |
| Connector End A                    | Ultra-Lock (M12) EX                                                                       |
| Connector End B                    | Ultra-Lock (M12) EX                                                                       |
| IP Rating                          | IP69K                                                                                     |
| Material - Contact                 | Copper Alloy                                                                              |
| Overview                           | <a href="#">Brad Ultra-Lock (M12) EX Connection System for Zone 2 Hazardous Locations</a> |
| Product Name                       | Ultra-Lock (M12) EX                                                                       |
| Protocol                           | N/A                                                                                       |
| Region                             | America                                                                                   |
| Type                               | Double Ended                                                                              |
| UPC                                | 78172534855                                                                               |
| <b>Physical</b>                    |                                                                                           |
| Cable Diameter                     | 6.86mm (.270")                                                                            |
| Cable Length                       | 1.0m (3.28')                                                                              |
| Color - Cable Jacket               | Yellow                                                                                    |
| Coupling Style                     | Push to Lock                                                                              |
| Gender                             | Female-Male                                                                               |
| Keyway                             | Single                                                                                    |
| LED Indicator                      | No                                                                                        |
| Material - Cable Jacket            | TPE                                                                                       |
| Material - Connector Body          | TPE                                                                                       |
| Material - Coupling Nut            | Nickel-plated Brass                                                                       |
| Material - O-Ring                  | Fluoro-elastomer                                                                          |
| Material - Plating Mating          | Gold over Nickel                                                                          |
| Orientation                        | 90° to 90°                                                                                |
| Poles                              | 5                                                                                         |
| Temperature Range - Operating      | -20°C to +40°C                                                                            |
| Wire Size AWG                      | 18                                                                                        |
| Wire/Cable Type                    | PLTC-ER                                                                                   |
| <b>Electrical</b>                  |                                                                                           |
| Current - Maximum per Contact      | 4.0A                                                                                      |
| Voltage - Maximum                  | 250V AC/DC                                                                                |
| <b>Material Info</b>               |                                                                                           |
| Engineering Number                 | LWLW5033K03M010                                                                           |
| <b>Reference - Drawing Numbers</b> |                                                                                           |
| Product Specification              | PS-120614-001-001                                                                         |
| Sales Drawing                      | SD-120613-008, SD-120614-999                                                              |



Series image - Reference only

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b><br><b>Not Reviewed</b>                          |                   |
| <b>EU RoHS</b><br><b>Not Reviewed</b>                         | <b>China RoHS</b> |
| <b>REACH SVHC</b><br>Not Reviewed                             |                   |
| <b>Halogen-Free</b><br><b>Status</b><br><b>Not Reviewed</b>   |                   |
| For more information, please visit <a href="#">Contact US</a> |                   |
| China ROHS                                                    | Not Reviewed      |
| ELV                                                           | Not Reviewed      |
| RoHS Phthalates                                               | Not Reviewed      |

**Search Parts in this Series**  
[120613](#) Series

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