



**Part Number :** [1200710030](#)  
**Product Description :** M12 Signal, A-Coded, Field-Attachable, 8 Poles, Male, 90°, PG9 Gland, 6.00-8.00mm  
**Series Number :** 120071  
**Status :** Active  
**Product Category :** Circular Industrial Connectors  
**Engineering Part Number :** 8A8006-32



## Documents and Resources

**Drawings**  
[1200710030 sd.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                      |
| China RoHS         |  per SJ/T 11365-2006           |
| EU ELV             | Not Relevant                                                                                                      |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                                    |
| REACH SVHC         | Contains Lead; Imidazolidine-2-thione per D(2025)4165-DC (25 June 2025) SCIP:79dbd3f7-f232-4551-88bf-a6e25c51a9d0 |
| EU RoHS            | Compliant with Exemption 6(c) 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

#### UKCA - Declaration of Conformity

#### CE - Declaration of Conformity

---

## Part Details

### General

|              |                                                                                   |
|--------------|-----------------------------------------------------------------------------------|
| Status       | Active                                                                            |
| Category     | Circular Industrial Connectors                                                    |
| Series       | 120071                                                                            |
| Description  | M12 Signal, A-Coded, Field-Attachable, 8 Poles, Male, 90°, PG9 Gland, 6.00-8.00mm |
| Approvals    | cRUus - UL Recognized                                                             |
| IP Rating    | IP67                                                                              |
| Product Name | M12 Signal, Micro-Change (M12)                                                    |
| Type         | Field Attachable Connector                                                        |
| UPC          | 889056413145                                                                      |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum             | 30V  |

### Physical

|                           |                          |
|---------------------------|--------------------------|
| Cable Diameter            | 6.00-8.00mm (.236-.315") |
| Coupling Type             | External Thread          |
| Diagnostics / LEDs        | No                       |
| Diagnostics Port          | No                       |
| Gender                    | Male                     |
| Keyway                    | A-Coded                  |
| Material - Connector Body | PA                       |
| Material - Contact        | Brass                    |

|                               |                     |
|-------------------------------|---------------------|
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 21.820/g            |
| Orientation                   | Straight            |
| Poles                         | 8                   |
| Temperature Range - Operating | -40° to +85°C       |
| Wire Size (AWG)               | 20                  |

---

### Mates With / Use With

#### Mates with Part(s)

| Description                                                                              | Part Number       |
|------------------------------------------------------------------------------------------|-------------------|
| M12 Signal, A-Coded, Field-Attachable, 8 Poles, Female, Straight, PG9 Gland, 6.00-8.00mm | <u>1200710031</u> |