



**Part Number :** [1200700175](#)  
**Product Description :** M12 Signal, A-Coded, Receptacle, 4 Poles, Male, Front Panel Mount, 1/2"-14 NPT Mounting Threads, 18 AWG, PVC Leads, 0.30m (0.984') Length  
**Series Number :** 120070  
**Status :** Active  
**Product Category :** Industrial Connectors  
**Engineering Part Number :** 8R4006A16A120



## Documents and Resources

### Drawings

[1200700175\\_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         | Contains Lead per D(2025)4165-DC (25 June 2025)                                                         |
| 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

#### CE - Declaration of Conformity

#### UKCA - Declaration of Conformity

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## Part Details

### General

|              |                                                                                                                                           |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                    |
| Category     | Industrial Connectors                                                                                                                     |
| Series       | 120070                                                                                                                                    |
| Description  | M12 Signal, A-Coded, Receptacle, 4 Poles, Male, Front Panel Mount, 1/2"-14 NPT Mounting Threads, 18 AWG, PVC Leads, 0.30m (0.984') Length |
| IP Rating    | IP67                                                                                                                                      |
| NEMA Rating  | NEMA 6                                                                                                                                    |
| Product Name | M12 Signal, Micro-Change (M12)                                                                                                            |
| Type         | Single Ended (pigtail)                                                                                                                    |
| UPC          | 78678824302                                                                                                                               |

### Agency

|     |         |
|-----|---------|
| CSA | LR6837  |
| UL  | E152210 |

### Electrical

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

### Physical

|               |                 |
|---------------|-----------------|
| Coupling Type | External Thread |
| Gender        | Male            |

|                               |                          |
|-------------------------------|--------------------------|
| Keyway                        | A-Coded                  |
| Length                        | 0.30m                    |
| Material - Component          | Black Annodized Aluminum |
| Mounting Thread Size          | 1/2" - 14 NPT            |
| Net Weight                    | 124.000/g                |
| Orientation                   | Straight                 |
| Panel Mount                   | Front                    |
| Poles                         | 4                        |
| Temperature Range - Operating | -20° to +105°C           |
| Wire/Cable Type               | UL 1569                  |
| Wire Size (AWG)               | 18                       |