

**Part Number :** 1200700177
**Product Description :** M12 Signal, A-Coded, Receptacle, 4 Poles, Male, Front Panel Mount, 1/2"-14 NPT Mounting Threads, 18 AWG, PVC Leads, 0.50m (1.64') Length
**Series Number :** 120070
**Status :** Active
**Product Category :** Industrial Connectors
**Engineering Part Number :** 8R4006A16M005

## Documents and Resources

### Drawings

1200700177_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 Triphenyl-phosphate; 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)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - 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, 0.50m (1.64') Length |
| IP Rating | IP67 |
| NEMA Rating | NEMA 6 |
| Product Name | M12 Signal,Micro-Change (M12) |
| Type | Single Ended (pigtail) |
| UPC | 78678850995 |

### 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 | 0.50m |

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| | |
|---|---|
| Material - Component | Black Annodized Aluminum |
| Mounting Thread Size | 1/2" - 14 NPT |
| Net Weight | 13.000/g |
| Orientation | Straight |
| Panel Mount | Front |
| Poles | 4 |
| Temperature Range - Operating | -20° to +105°C |
| Wire/Cable Type | UL 1569 |
| Wire Size (AWG) | 18 |



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