molex



**Part Number :** 1200878349
**Product Description :** M8 Signal, A-Coded, Double-Ended Cordset, 4 Poles, Female (Straight) to Male (Straight), 0.25mm² (24AWG), Black PVC Cable, 1.0m (3.28') Length
**Series Number :** 120087
**Status :** Active
**Product Category :** Industrial Cable Assemblies
**Engineering Part Number :** 444030E02M010

## Documents and Resources

### Drawings

1200878349_sd.pdf

STEP AP242

SOLIDWORKS

Creo

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | Not Relevant |
| EU ELV | Compliant with Exemption 3 per 2000/53/EC |
| Low-Halogen Status | Not Relevant |
| REACH SVHC | Contains Lead per D(2025)7771-DC (04 Feb 2026) |
| 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 Cable Assemblies |
| Series | 120087 |
| Description | M8 Signal, A-Coded, Double-Ended Cordset, 4 Poles, Female (Straight) to Male (Straight), 0.25mm² (24AWG), Black PVC Cable, 1.0m (3.28') Length |
| IP Rating | IP67 |
| Product Name | M8 Signal,Nano-Change (M8) |
| Type | Double Ended |
| UPC | 78172532310 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 60V AC / 75V DC |

### Physical

| | |
|---|---|
| Cable Diameter | 4.90mm (.193") |
| Cable Length | 1.0m (3.28') |
| Color - Cable Jacket | Black |
| Connector End A | M8 Signal |
| Connector End B | M8 Signal |

| | |
|---|---|
| Coupling Style | Threaded |
| Gender | Female-Male |
| Keyway | A-Coded |
| LED Indicator | None |
| Material - Cable Jacket | PVC |
| Material - Connector Body | TPU |
| Material - Contact | Brass |
| Material - Coupling Nut | Nickel-plated Brass |
| Material - O-Ring | Fluoro-elastomer |
| Material - Plating Mating | Gold |
| Net Weight | 48.600/g |
| Orientation | Straight to Straight |
| Poles | 4 |
| Temperature Range - Operating | -25° to +80°C |
| Wire/Cable Type | UL 2464 |
| Wire Size (AWG) | 24 |