molex



**Part Number :** 1200860464
**Product Description :** M8 Signal, A-Coded, Single-Ended Cordset, 3 Poles, Female (90°) with LED for PNP Sensors, 0.34mm² (22 AWG), Black PUR/PVC Cable, 5.0m (16.40') Length
**Series Number :** 120086
**Status :** Active
**Product Category :** Industrial Cable Assemblies
**Engineering Part Number :** 4030P1P03M050

## Documents and Resources

### Drawings

1200860464_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; Triphenyl-phosphate per D(2025)7771-DC (04 Feb 2026) SCIP:adc15a28-95fa-416b-99b3-19c9625dbfb2 |
| 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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Industrial Cable Assemblies |
| Series | 120086 |
| Description | M8 Signal, A-Coded, Single-Ended Cordset, 3 Poles, Female (90°) with LED for PNP Sensors, 0.34mm² (22 AWG), Black PUR/ PVC Cable, 5.0m (16.40') Length |
| IP Rating | IP67 |
| Product Name | M8 Signal,Nano-Change (M8) |
| Type | Single Ended |
| UPC | 78172553796 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 30V AC/DC |

### Physical

| | |
|---|---|
| Cable Diameter | 4.70mm (.185") |
| Cable Length | 5.0m (16.40') |
| Color - Cable Jacket | Black |
| Connector End A | M8 Signal |
| Connector End B | Pigtail |

| | |
|---|---|
| Coupling Style | Threaded |
| Gender | Female-Pigtail |
| Keyway | A-Coded |
| LED Indicator | PNP Sensors |
| Material - Cable Jacket | PUR/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 | 154.640/g |
| Orientation | 90° to Pigtail |
| Poles | 3 |
| Temperature Range - Operating | -25° to +80°C |
| Wire/Cable Type | Flex |
| Wire Size (AWG) | 22 |