



**Part Number :** [1200870486](#)  
**Product Description :** M8 Signal, A-Coded, Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 0.34mm<sup>2</sup> (22 AWG), Yellow TPE Cable, 2.0m (6.56') Length  
**Series Number :** 120087  
**Status :** Active  
**Product Category :** Industrial Cable Assemblies  
**Engineering Part Number :** 443031K05M020



## Documents and Resources

### Drawings

[1200870486\\_sd.pdf](#)

## 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)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

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## Part Details

### General

|              |                                                                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                                                  |
| Category     | Industrial Cable Assemblies                                                                                                                             |
| Series       | 120087                                                                                                                                                  |
| Description  | M8 Signal, A-Coded, Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 0.34mm <sup>2</sup> (22 AWG), Yellow TPE Cable, 2.0m (6.56') Length |
| IP Rating    | IP67                                                                                                                                                    |
| Product Name | M8 Signal,Nano-Change (M8)                                                                                                                              |
| Type         | Double Ended                                                                                                                                            |
| UPC          | 78678888232                                                                                                                                             |

### Agency

|    |         |
|----|---------|
| UL | E152210 |
|----|---------|

### Electrical

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

### Physical

|                      |                |
|----------------------|----------------|
| Cable Diameter       | 5.00mm (.197") |
| Cable Length         | 2.0m (6.56')   |
| Color - Cable Jacket | Yellow         |
| 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       | TPE                 |
| Material - Connector Body     | TPE                 |
| Material - Contact            | Brass               |
| Material - Coupling Nut       | Nickel-plated Brass |
| Material - O-Ring             | Fluoro-elastomer    |
| Material - Plating Mating     | Gold                |
| Net Weight                    | 133.000/g           |
| Orientation                   | 90° to Straight     |
| Poles                         | 3                   |
| Temperature Range - Operating | -25° to +80°C       |
| Wire/Cable Type               | PLTC/ITC            |
| Wire Size (AWG)               | 22                  |