



**Part Number :** [1200310004](#)

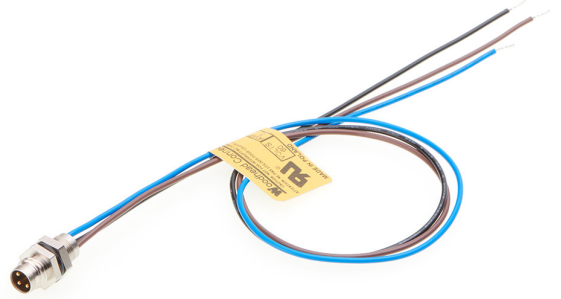
**Product Description :** Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 0.5 Mounting Threads, Male (Straight) to 22 AWG Leads, 0.30m (11.81") Length

**Series Number :** 120031

**Status :** Active

**Product Category :** Circular Industrial Connectors

**Engineering Number :** 4R3F06E02C3003



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## Documents & Resources

### Drawings

[1200310004\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Lead; Triphenyl-phosphate; Lead monoxide per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant with Exemption 6(c) per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Circular Industrial Connectors
Series	120031
Description	Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 0.5 Mounting Threads, Male (Straight) to 22 AWG Leads, 0.30m (11.81") Length
IP Rating	IP67
NEMA Rating	NEMA 6
Product Name	Nano-Change (M8)
Type	Single Ended (pigtail)
UPC	883906177775

### Electrical

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

### Physical

Coupling Type	External Thread
Gender	Male
Keyway	A-Coded
Length	0.30m
Material - Component	Nickel-plated Brass
Mounting Thread Size	M8 x 0.5
Net Weight	84.790/g
Orientation	Straight
Panel Mount	Front
Poles	3
Temperature Range - Operating	-25° to +90°C

Wire/Cable Type	UL 1569
Wire Size (AWG)	24

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