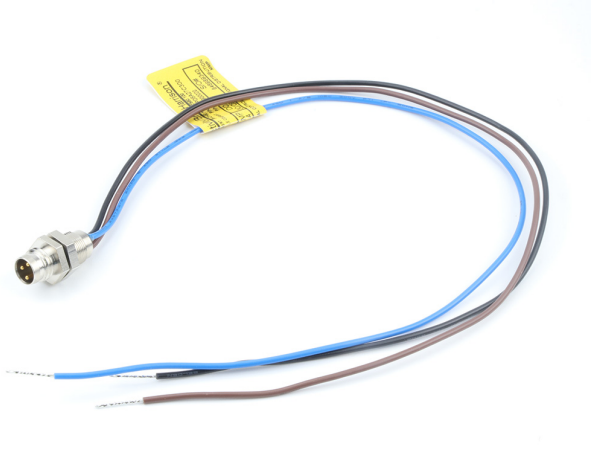




**Part Number :** [1200900020](#)  
**Product Description :** Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 0.5 Mounting Threads, Male (Straight) to 24 AWG Leads, 0.30m (11.81") Length  
**Series Number :** 120090  
**Status :** Active  
**Product Category :** Circular Industrial Connectors  
**Engineering Number :** 4R3P06A27C300




Documents & Resources

**Drawings**  
[Drawing 1200900020\\_sd.pdf](#)

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; Lead monoxide per D(2024)4144-DC (27 June 2024)
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	120090
Description	Nano-Change (M8) Receptacle, 3 Poles, A-Coded, M8 x 0.5 Mounting Threads, Male (Straight) to 24 AWG Leads, 0.30m (11.81") Length
IP Rating	IP67
NEMA Rating	NEMA 6
Product Family	Brad Nano-Change (M8) Products
Product Name	Nano-Change (M8)
Type	Single Ended (pigtail)
UPC	78678833056

#### Agency

CSA	LR6837
UL	E46237

#### 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	11.927/g

Orientation	Straight
Panel Mount	Front
Poles	3
Temperature Range - Operating	-20° to +105°C
Wire/Cable Type	UL 1569
Wire Size (AWG)	24

**Solder Process Data**

Max-Duration	3
Lead-Free Process Capability	N/A
Max-Cycle	3
Max-Temp	260