molex



Part Number : 1200850003
Product Description : M12 Signal, A-Coded, M12 Push-Pull Ultra-Lock Field-Attachable, 4 Poles, Male (Straight), PG7 Gland
Series Number : 120085
Status : Active
Product Category : Circular Industrial Connectors
Engineering Part Number : WA4006-31

Documents and Resources

Drawings

1200850003_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 Reviewed per IEC 61249-2-21
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)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Connectors
Series	120085
Description	M12 Signal, A-Coded, M12 Push-Pull Ultra-Lock Field-Attachable, 4 Poles, Male (Straight), PG7 Gland
Approvals	cCSAus certified
IP Rating	IP69K, IP68, IP67
Product Name	M12 Signal Push-Pull,Ultra-Lock (M12)
Type	Field Attachable Connector
UPC	78172553190

Agency

CSA	LR6837

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	250V AC/DC

Physical

Cable Diameter	2.50-6.50mm (.098-.256")
Coupling Type	Push-Pull
Diagnostics / LEDs	No
Diagnostics Port	No
Gender	Male
Keyway	A-Coded

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Material - Connector Body	Polyamide
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Nickel
Net Weight	19.310/g
Orientation	Straight
Poles	4
Temperature Range - Operating	-25° to +90°C
Wire Size (AWG)	18

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