Part Number : 1201090003
Product Description : M12 Data, D-Coded, M12 Push-Pull Ultra-Lock Receptacle Cordset, 4 Poles, Female (Straight) to RJ45 Male (Straight), Back Panel Mount, M16x1.5 Mounting Threads, 2x2x24 AWG, Teal PVC Cable, 2.0m (6.56') Length
Series Number : 120109
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : ERWPAU7003M020



Documents and Resources

Drawings

1201090003_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; bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof 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

UKCA - Declaration of Conformity

CE - Declaration of Conformity

Part Details

General

Status	Active
Category	Circular Industrial Cordsets
Series	120109
Description	M12 Data, D-Coded, M12 Push-Pull Ultra-Lock Receptacle Cordset, 4 Poles, Female (Straight) to RJ45 Male (Straight), Back Panel Mount, M16x1.5 Mounting Threads, 2x2x24 AWG, Teal PVC Cable, 2.0m (6.56') Length
IP Rating	IP67, IP20
Performance Category	5e
Product Name	M12 Data Push-Pull,Ultra-Lock (M12),Industrial Ethernet,RJ45
Protocol	EtherNet
Type	Double Ended
UPC	78172505059

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	150V AC

Physical

Cable Diameter	N/A
Cable Length	2.0m (6.56')
Color - Cable Jacket	Teal
Connector End A	M12 Data Push-Pull
Connector End B	RJ-45 (industrial)
Coupling Style	Push-Pull, Push and Latch
Gender	Female-Male
Keyway	D-Coded
LED Indicator	None
Material - Cable Jacket	PVC
Material - Connector Body	PVC
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Net Weight	120.655/g
Orientation	Straight to Straight
Poles	4
Temperature Range - Operating	-25° to +75°C
Wire/Cable Type	E152210
Wire Size (AWG)	24