molex



Part Number : 1200280016
Product Description : M8 Signal, A-Coded, Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 0.25mm² (24AWG), Black PVC Cable, 1.0m (3.28') Length
Series Number : 120028
Status : Active
Product Category : Industrial Cable Assemblies
Engineering Part Number : 443031E02M010

Documents and Resources

Drawings

1200280016_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 per D(2025)7771-DC (04 Feb 2026)
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

CE - Declaration of Conformity

UKCA - Declaration of Conformity

Part Details

General

Status	Active
Category	Industrial Cable Assemblies
Series	120028
Description	M8 Signal, A-Coded, Double-Ended Cordset, 3 Poles, Female (90°) to Male (Straight), 0.25mm² (24AWG), Black PVC Cable, 1.0m (3.28') Length
IP Rating	IP67
Product Name	M8 Signal,Nano-Change (M8)
Type	Double Ended
UPC	883906026547

Agency

UL	E152210

Electrical

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

Physical

Cable Diameter	4.60mm (.181")
Cable Length	1.0m (3.28')
Color - Cable Jacket	Black
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	PVC
Material - Connector Body	TPU
Material - Contact	Brass
Material - Coupling Nut	Nickel-plated Brass
Material - O-Ring	Fluoro-elastomer
Material - Plating Mating	Gold
Net Weight	44.400/g
Orientation	90° to Straight
Poles	3
Temperature Range - Operating	-25° to +80°C
Wire/Cable Type	UL 2464
Wire Size (AWG)	24