molex



Part Number : 1200980014
Product Description : M12 Signal, B-Coded, Double-Ended Cordset, 5 Poles, Female (Straight) to Male (Straight), 24 AWG, PROFIBUS PUR Cable, Yellow Overmold, 10.0m (32.8') Length
Series Number : 120098
Status : Active
Product Category : Circular Industrial Cordsets
Engineering Part Number : BB5S30PP4M100

Documents and Resources

Specifications

TS-120065-003-001.pdf

TS-120065-004-001.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)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

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- 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	120098
Description	M12 Signal, B-Coded, Double-Ended Cordset, 5 Poles, Female (Straight) to Male (Straight), 24 AWG, PROFIBUS PUR Cable, Yellow Overmold, 10.0m (32.8') Length
IP Rating	IP67
Product Name	M12 Signal,Micro-Change (M12)
Type	Double Ended
UPC	78678851391

Electrical

Current - Maximum per Contact	4.0A
Voltage - Maximum	60V AC/DC

Physical

Cable Diameter	8.00mm (.315")
Cable Length	10.0m (32.81')
Color - Cable Jacket	Violet
Connector End A	M12 Signal
Connector End B	M12 Signal

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Coupling Style	Threaded
Gender	Female-Male
Keyway	B-Coded
LED Indicator	No
Material - Cable Jacket	PUR
Material - Connector Body	TPU
Material - Contact	Copper Alloy
Material - Coupling Nut	Nickel-plated Brass
Material - Plating Mating	Gold
Net Weight	50.194/g
Orientation	Straight to Straight
Poles	5
Temperature Range - Operating	-20° to +80°C
Wire/Cable Type	Twisted Pair
Wire Size (AWG)	24

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