SACC-DSI-MSD-4CON-M16-L180 PP - Device connector, rear mounting

1027680

https://www.phoenixcontact.com/pc/products/1027680

Device connector, rear mounting, 4-position, Plug, straight, M12-Push-Pull, coding: D , Rear mounting, M16, Wave soldering contacts, Item is lead-free in accordance with RoHS II without Exemption 6c (Pb <0.1%)

Your advantages

- Established M12 standard for secure transmission of signals, data, and power
- Easy and quick cabling of devices and systems in hard-to-reach areas
- Manufacturer-independent M12 push-pull locking system for maximum availability
- Reliable shield connection even under extreme mechanical strain

Commercial data

Item number	1027680
Packing unit	20 pc
Minimum order quantity	20 pc
Product key	ABQECJ
GTIN	4055626533957
Weight per piece (including packing)	17.295 g
Weight per piece (excluding packing)	17.259 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

General	Lock nut is included in the scope of delivery

Mounting

Mounting type	Rear mounting M16 With flat nut
Assembly instructions	With flat nut
Connection method	Wave soldering contacts

Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	yes
Coding	D

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Dimensions

Length of the solder pin	6 mm
	6 mm

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Rated surge voltage	1.5 kV
Nominal voltage U_N	250 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Wave soldering contacts

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	> 100

Connector

Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	M12
Head locking type	Push-Pull
Coding	D

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-010
Note	Push-pull

Classifications

ECLASS

ECLASS-11.0	27440109
ECLASS-12.0	27440109
ECLASS-13.0	27440109

ETIM

ETIM 8.0	EC003569

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values