SACC-BP-F-M12/VAR-1,0/1,8-9TIP - Housing screw connection

1414231

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M12 housing screw connection with tolerance-compensating function, for straight THR solderable M12 socket contact inserts. Suitable for 1.0 mm ... 1.8 mm thick front plates.

Commercial data

Item number	1414231
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	AB23
Product key	ABQADG
GTIN	4055626022727
Weight per piece (including packing)	10.8 g
Weight per piece (excluding packing)	10.369 g
Customs tariff number	79070000
Country of origin	DE

Technical data

Notes

Notes on operation	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of pollution, the connector must be sealed using a protective cap > IP54. The M12 housing screw connection can only be used in conjunction with mating connectors and protective caps with M12 standard thread. Mating connectors with SPEEDCON thread cannot be used.

Product properties

Product type	Circular connector housing
Thread type	M12

Material specifications

Color	black (Fixing sleeve)
Material Housing	PA 6.6 (Fixing sleeve)
Material Threaded sleeve	GD-Zn/Ni
Material Seal	FKM (Molded seal)
	FKM (O-ring (pin connector pattern))
Flammability rating according to UL 94	V0

Connector

Connection 1

Head design	Socket
Head thread type	M12
Head locking type	Screw locking mechanism

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	> 100

Environmental and real-life conditions

Ambient conditions

Degree of protection (when plugged in)	IP67 (correctly plugged in and locked)
Degree of protection	IP67 (correctly plugged in and locked)
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector

Standards/specifications	according to IEC 61076-2-101

Mounting

Mounting type	Rear mounting
Assembly note	2-section, lockable

Classifications

ECLASS

ECLASS-13.0	27440224
ECLASS-15.0	27440224

ETIM

ETIM 10.0	EC003556

UNSPSC

UNSPSC 21.0	31171600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com