SACC-DSI-FS-5P-PG9/2,0-0,5 SCO - Device connector rear mounting

1420372

https://www.phoenixcontact.com/us/products/1420372

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Device connector rear mounting, 5-position, Socket, straight, M12-SPEEDCON, A-coding, on free cable end, Individual wires, cable length: 2 m, 0.50 mm^2, potted, this item is expected to be lead-free from Q3 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Commercial data

Item number	1420372
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB24
Product key	ABQCHE
GTIN	4055626316208
Weight per piece (including packing)	88 g
Weight per piece (excluding packing)	74.439 g
Customs tariff number	85444290
Country of origin	DE

Technical data

Notes

Order information:	Lock nut is included in the scope of delivery
General	Contact connection method: Crimp connection

Safety note

Safety note	• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.

Mounting

Mounting type	Rear mounting (Pg9)
Tightening torque	2 Nm ... 3 Nm

Product properties

Product type	Circular connectors (device side)
Application	Signal
Number of positions	5
No. of cable outlets	1
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Material Molding compound	PUR (potted)

Electrical properties

Rated surge voltage	1.5 kV AC
Nominal voltage U_N	60 V
Nominal current I_N	4 A

Connection data

Conductor connection

Connection method	Individual wires
Contact connection type	Socket
Conductor cross-section	0.5 mm²
Tightening torque	2 Nm ... 3 Nm

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

Connection 2

Head design	free cable end

Cable/line

Cable length	2 m
Cable cross section	0.5 mm²

Environmental and real-life conditions

Ambient conditions

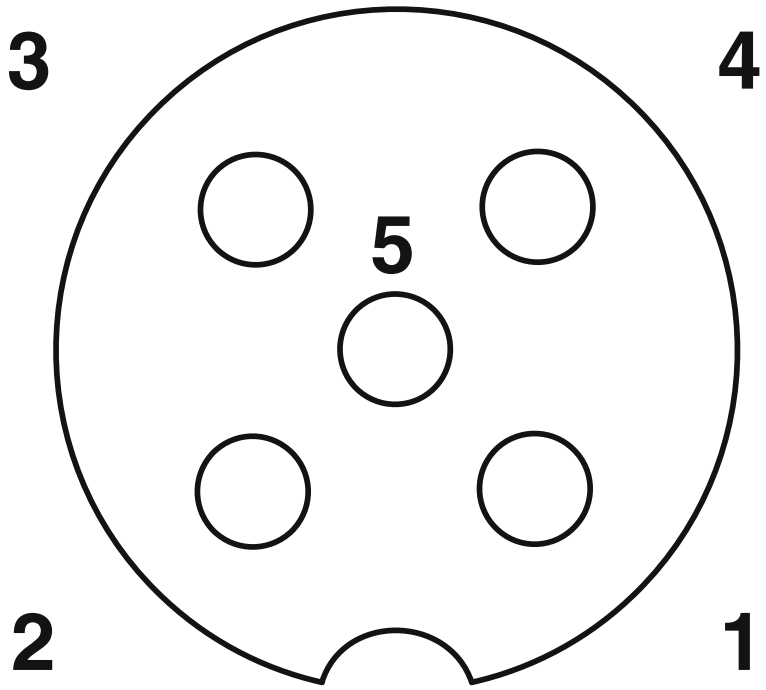
Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
Ambient temperature (operation)	-25 °C ... 85 °C
UL Type Rating	Type 4 (indoor use only)

Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

Drawings

Schematic diagram



Pin assignment M12 socket, 5-pos., A-coded, socket side view

Classifications

ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

ETIM

ETIM 10.0	EC003570

UNSPSC

UNSPSC 21.0	39121400

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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