

SACC-M12FS-4QO-0,34-M OL OT - Screw connection set

1420389
<https://www.phoenixcontact.com/us/products/1420389>

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QUICKON set for replacement purposes, consisting of splice ring, pressure nut and line seal

Your advantages

- Innovative and time-saving assembly with insulation displacement connection

Commercial data

Item number	1420389
Packing unit	100 pc
Minimum order quantity	2,000 pc
Note	Made to order (non-returnable)
Product key	AF2CCA
GTIN	4055626206370
Weight per piece (including packing)	3.527 g
Weight per piece (excluding packing)	3.527 g
Country of origin	DE

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Technical data

Notes

Assembly note	NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.
Order information:	Package contents: 20 pieces

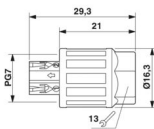
Mounting

Assembly note	AWG 20 conductor cross-section upon request
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Product properties

Product type	Circular connector (cable-side)
Sensor type	Universal
Number of positions	4
Shielded	no

Dimensions

Dimensional drawing	
Wrench size, union nut	13 mm

External dimensions

Outside diameter	3.5 mm ... 6 mm
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Housing

Diameter housing	16.3 mm
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Material specifications

Flammability rating according to UL 94	V0
Wire insulation material	PVC / PE / PP / rubber

Connection data

Conductor connection

Connection method	Insulation displacement connection
Connection cross section	0.14 mm ² ... 0.34 mm ²
Connection cross section AWG	26 ... 22
Tightening torque	0.4 Nm (M12 knurl) 1.2 Nm (Pressure nut)

Connector

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Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12

Cable/line

Signal type/category	Universal
External cable diameter	3.5 mm ... 6 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation) (male connector/female connector)	-25 °C ... 80 °C (Plug / socket)
Ambient temperature (operation)	-5 °C ... 50 °C (During assembly)

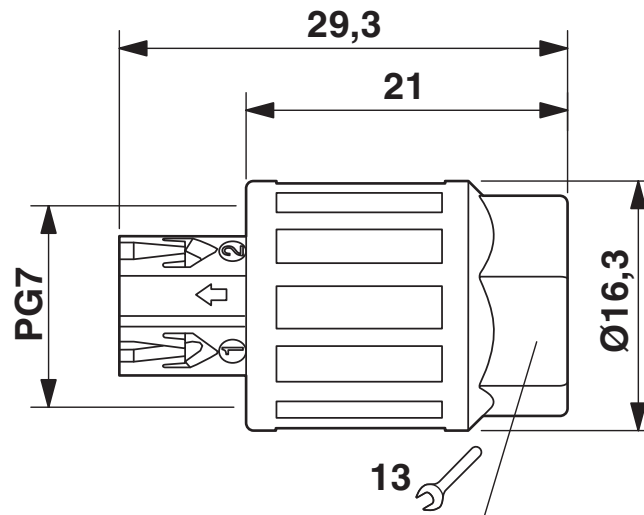
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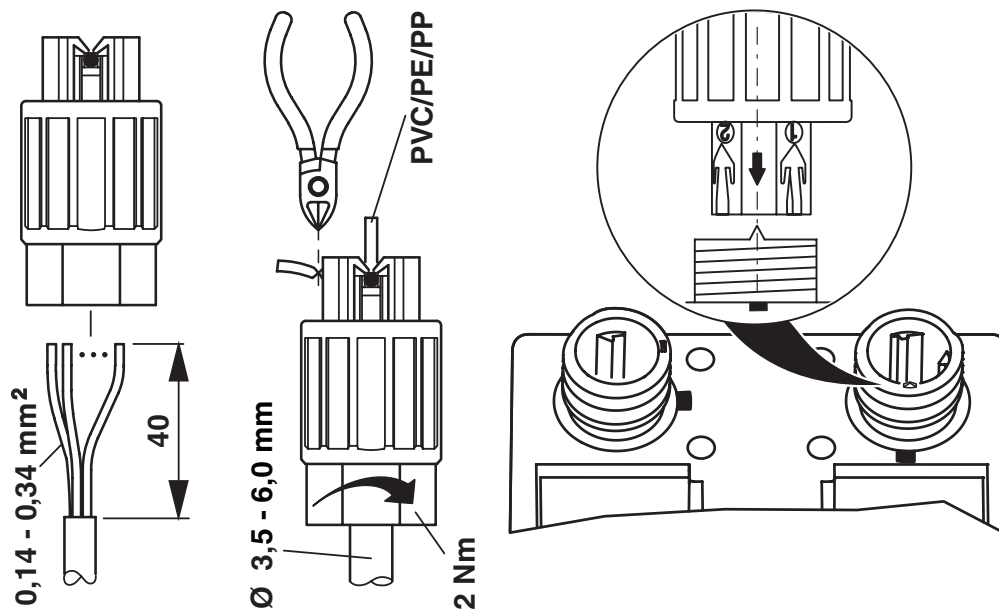
Drawings

Dimensional drawing



M12 x 1 socket, straight

Functional drawing



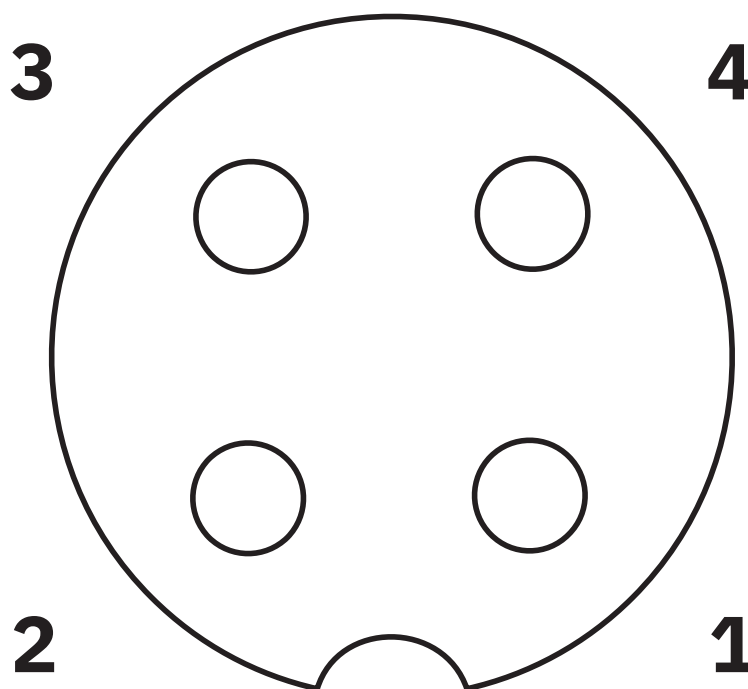
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Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view female side

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Classifications

ECLASS

ECLASS-13.0	27440116
ECLASS-15.0	27440116

ETIM

ETIM 9.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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