

Connector - SACC-M12MR-5CT-CM SH - 1422851

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Connector, Universal, 5-position, shielded, Plug angled M12, A-coded, Crimp connection, knurl material: Zinc die-cast, nickel-plated, external cable diameter 4.5 mm ... 7.5 mm, without crimp contacts

Why buy this product



Safe use in the field, thanks to a high degree of protection



Flexible: connectors for on-site assembly



Reliable signal transmission - 360° shielding in environments with electromagnetic interference



RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 357782
GTIN	4055626357782

Technical data

Dimensions

Wrench size, union nut	15 mm
Diameter housing	16 mm
Length	52 mm
External cable diameter	4.5 mm ... 7.5 mm
Stripping length of the sheath	18 mm
Stripping length of the individual wire	4 mm +0,5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
---------------------------------	----------------------------------

Connector - SACC-M12MR-5CT-CM SH - 1422851

Technical data

Ambient conditions

Degree of protection	IP65
----------------------	------

General

Rated current at 40°C	4 A
Rated voltage	60 V DC
	48 V AC
Number of positions	5
Insulation resistance	≥ 100 Ω
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
	Shock, vibration EN 50155:2001
Signal type/category	Universal
Status display	No
Overvoltage category	III
Degree of pollution	3
Connection method	Crimp connection
Conductor cross section	0.34 mm² ... 1 mm² (stranded)
Conductor cross section AWG	22 ... 18 (stranded)
Wire diameter incl. insulation	≤ 2.55 mm (Contact 5 up to max. 2.0 mm)
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	1.5 Nm (Screw plug insert with sleeve housing as far it will go)
	4 Nm (Pressure nut with coupling sleeve)

Material

Flammability rating according to UL 94	V0
Contact carrier material	PA
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	FKM

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Standard designation	Shock, vibration
Standards/regulations	EN 50155:2001
Flammability rating according to UL 94	V0

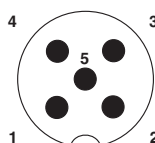
Environmental Product Compliance

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

Drawings

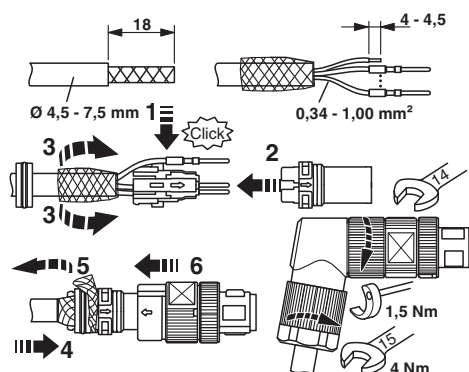
Connector - SACC-M12MR-5CT-CM SH - 1422851

Schematic diagram

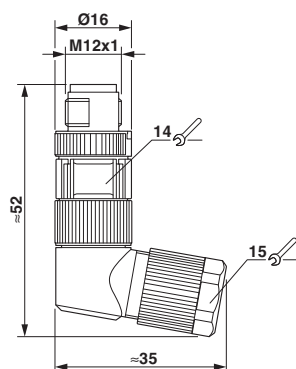


Pin assignment M12 male connector, 5-pos., A-coded, male side

Functional drawing



Dimensional drawing



M12 x 1 male plug, angled, shielded

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



EAC-Zulassung

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>