

Connector - SACC-M12FR-5CT-CM SH - 1422853

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Connector, Universal, 5-position, shielded, Socket 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 363301
GTIN	4055626363301

Technical data

Dimensions

Wrench size, union nut	15 mm
Diameter housing	16 mm
Length	51 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)
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Technical data

Ambient conditions

Degree of protection	IP65
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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

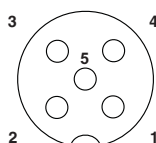
Environmental Product Compliance

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

Drawings

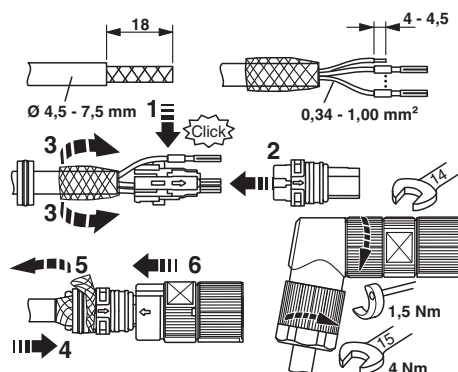
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Schematic diagram

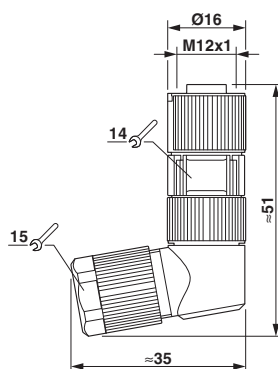


Pin assignment M12 socket, 5-pos., A-coded, socket side view

Functional drawing



Dimensional drawing



M12 x 1 socket, angled, shielded

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC

EAC

EAC-Zulassung

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