

Connector - SACC-MS-17PCON SCO - 1559602

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, 17-position, Plug straight M12 SPEEDCON, A-coded, Piercecon® fast connection, Knurl material: Zinc die-cast, nickel-plated, External cable diameter 5.4 mm ... 8.2 mm

Why buy this product

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Save time, thanks to installation with SPEEDCON fast locking system
- Piercecon® connection: maximum contact density in a connector that can be assembled
- Save space – with high-pos. connectors



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 314831
GTIN	4046356314831

Technical data

Dimensions

Wrench size, union nut	13 mm
External cable diameter	5.4 mm ... 8.2 mm
Stripping length of the sheath	≥ 60 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	1.5 A
Rated voltage	30 V
Rated surge voltage	0.8 kV
Number of positions	17

Connector - SACC-MS-17PCON SCO - 1559602

Technical data

General

Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Piercecon® fast connection
Conductor cross section	0.14 mm ²
Conductor cross section AWG	26
Wire diameter including insulation	0.95 mm ... 1.05 mm
Frequency of connections between conductors of the same cross section	≥ 5
Wire insulation material	PUR/PVC
Structure of individual litz in acc. with VDE 0295 / smallest wire diameter	VDE 0295 Class 6
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
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
Flammability rating according to UL 94	V0

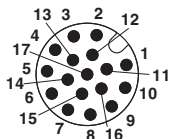
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

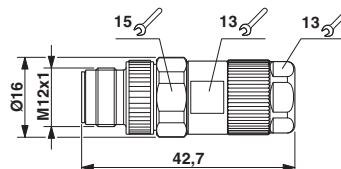
Connector - SACC-MS-17PCON SCO - 1559602

Schematic diagram



Pin assignment M12 male connector, 17-pos., male side view

Dimensional drawing



Plug, M12 x 1, straight

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

EAC		7500651.22.01.00246
-----	--	---------------------

EAC		EAC-Zulassung
-----	--	---------------

Phoenix Contact 2017 © - 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>