

## Connector - SACC-MS-5SC M SCO - 1432567

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Connector, 5-position, Plug straight M12 SPEEDCON, A-coded, Spring-cage connection, Knurl material: Zinc die-cast, nickel-plated, External cable diameter 4 mm ... 8 mm

### Product Features

- ✓ 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
- ✓ Spring-cage connection: connect more securely, even in the case of shock and vibration, thanks to high contact forces



### Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

External diameter	4 mm ... 8 mm
Stripping length of the sheath	28 mm
Stripping length of the individual wire	11 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
Degree of protection	IP65
	IP67

#### General

Rated current at 40°C	4 A
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## Technical data

### General

Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 8 mΩ
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Spring-cage connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
AWG conductor cross section	26 ... 20
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	0.4 Nm (Connector with coupling sleeve)
	1.5 Nm (Pressure nut with coupling sleeve)
Assembly instructions	The wires can be connected both with ferrules and without ferrules

### Material

Inflammability class according to UL 94	V0
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU
Material of grip body	PA 66
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27279218
eCl@ss 7.0	27279218
eCl@ss 8.0	27440104

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## Classifications

### ETIM

ETIM 3.0	EC001855
ETIM 4.0	EC002062
ETIM 5.0	EC002062

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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#### Ex Approvals


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#### Approvals submitted

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### Approval details

UL Recognized 	
Nominal current IN	4 A
Nominal voltage UN	125 V

cUL Recognized 	
Nominal current IN	4 A

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## Approvals

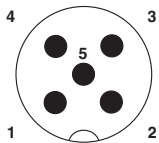
Nominal voltage UN	125 V
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EAC
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cULus Recognized
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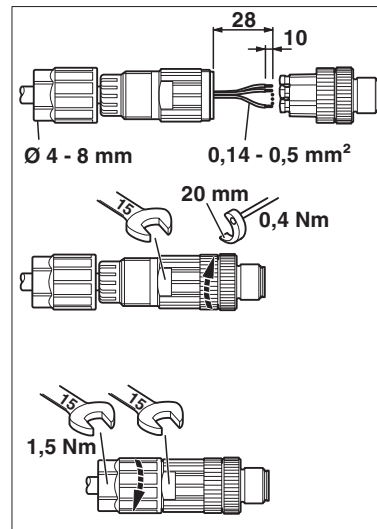
## Drawings

Schematic diagram



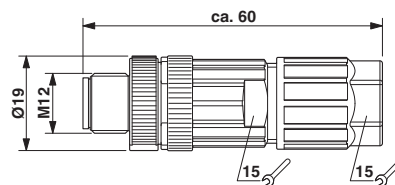
Pin assignment M12 male connector, 5-pos., A-coded, male side

Functional drawing



Strip 28 mm off the cable, 35 mm in the case of the angled version, strip single wires, push the pressure nut onto the cable. Slide the wires through the sleeve housing and connect, screw sleeve housing to the plug insert, screw the pressure nut tight.

Dimensioned drawing



M12 SPEEDCON plug, straight

