



**Automatización Eléctrica**  
Especialistas en Automatización

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## Connector - SACC-M12MS-5CON-PG11-DUO VA - 1403371

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Connector, 5-position, Plug straight M12, A-coded, Screw connection, Knurl material: High-grade steel, Cable gland Pg11-DUO, External cable diameter 2.1 mm ... 3 mm / 4 mm ... 5.2 mm

### Why buy this product

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Screw connection: proven connection technology for a large selection of different conductors
- Save space: connect two sensors to one connector with a multiple grommet

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 649384

### Technical data

#### Dimensions

External diameter	2x 2.1 mm ... 3 mm (when using the seal for small outer cable diameters)
	2x 4 mm ... 5.2 mm (when using the seal for large outer cable diameters)

#### Ambient conditions

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

#### General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
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

# Connector - SACC-M12MS-5CON-PG11-DUO VA - 1403371

## Technical data

### General

Connection method	Screw connection
Conductor cross section	0.25 mm² ... 0.75 mm²
Conductor cross section AWG	24 ... 18
Torque	0.4 Nm (M12 knurl)
	0.3 Nm ... 0.4 Nm (Pressure screw for external cable diameter of 2.1 mm ... 3 mm)
	0.8 Nm ... 1 Nm (Pressure screw for outer cable diameter 4 mm ... 8 mm)
	0.2 Nm (Screw terminal blocks)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	This connector includes one seal for small and one seal for large outer cable diameters.

### Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PA
Material, knurls	High-grade steel
Sealing material	NBR

### Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104

### ETIM

ETIM 3.0	EC002062
ETIM 4.0	EC002061
ETIM 5.0	EC002061

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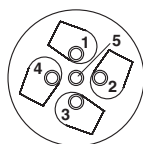
### Classifications

#### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

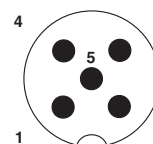
### Drawings

Schematic diagram



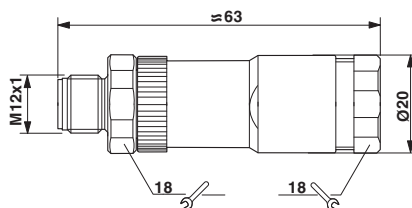
Cable connection side M12 (screw connection)

Schematic diagram



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

Dimensional drawing



M12 x 1 plug, straight

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Connector, 5-position, Plug straight M12, A-coded, Screw connection, Knurl material: High-grade steel, Cable gland Pg11-DUO, External cable diameter 2.1 mm ... 3 mm / 4 mm ... 5.2 mm	1403371	SACC-M12MS-5CON-PG11-DUO VA	<a href="#">Buy on EAN</a>