

## Connector - SACC-M12MS-12SOL-PG 9-M - 1404419

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Connector, 12-position, Plug straight M12, A-coded, Solder connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg9, External cable diameter 6 mm ... 8 mm

### Product Features

- Safe use in the field, thanks to a high degree of protection
- Flexible: connectors for on-site assembly
- Save space – with high-pos. connectors



### Key commercial data

Packing unit	1 PCE
GTIN	 4 046356 694513
Custom tariff number	85366990
Country of origin	GERMANY

### Technical data

#### Dimensions

External diameter	6 mm ... 8 mm
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#### Ambient conditions

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

#### General

Rated current at 40°C	1 A
Rated voltage	30 V
Number of positions	12
Contact resistance	≤ 3 mΩ

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### Technical data

#### General

Insulation resistance	> 10 GΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	Universal
Status display	No
Surge voltage category	II
Pollution degree	3
Connection method	Solder connection
Conductor cross section	0.08 mm <sup>2</sup> ... 0.25 mm <sup>2</sup>
AWG conductor cross section	30 ... 24
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)

#### Material

Contact material	CuSn
Contact surface material	Au
Contact carrier material	PA
Material of grip body	PA
Material, knurls	Zinc die-cast, nickel-plated

### 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
eCl@ss 8.0	27440104

#### ETIM

ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

#### UNSPSC

UNSPSC 6.01	30211824
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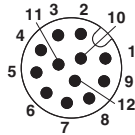
## Classifications

### UNSPSC

UNSPSC 7.0901	39121413
UNSPSC 11	39121413
UNSPSC 12.01	39121413
UNSPSC 13.2	39121413

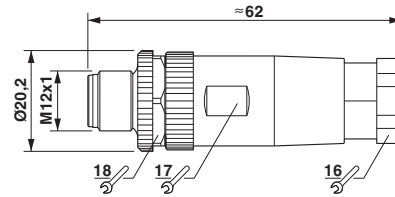
## Drawings

Schematic diagram



Pin assignment of M12 male connector, 12-pos., A-coded, view of pin side

Dimensioned drawing



M12 x 1 plug, straight