

## Connector - SACC-M12FR-12SOL-PG 9-M - 1404423

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




### Why buy this product

- ✓ 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 pc
GTIN	 4 046356 694544
Weight per Piece (excluding packing)	26.79 g
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
Insulation resistance	> 10 GΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101

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## Technical data

### General

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)
Assembly instructions	The connector pin assignment can be rotated 90° to the cable outlet

### 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

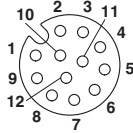
### UNSPSC

UNSPSC 6.01	30211824
UNSPSC 7.0901	39121413
UNSPSC 11	39121413
UNSPSC 12.01	39121413
UNSPSC 13.2	39121413

## Drawings

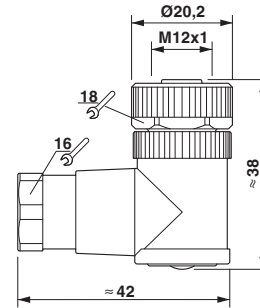
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Schematic diagram



Pin assignment M12 socket, 12-pos., A-coded, view female side

Dimensioned drawing



M12 x 1 socket, angled