

Connector - SACC-M 8FS-3PCON - 1506778

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Connector, Universal, 3-position, Socket straight M8, Coding: A, Piercecon® fast connection, knurl material: Nickel-plated brass, external cable diameter 3 mm ... 5 mm

Your advantages

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: connectors for on-site assembly
- ✓ Piercecon® connection: maximum contact density in a connector that can be assembled

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 892692
GTIN	4017918892692

Technical data

Dimensions

Wrench size, union nut	11 mm
Diameter housing	12 mm
Length	33.9 mm
External cable diameter	3 mm ... 5 mm
Stripping length of the sheath	35 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP68

General

Note	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.
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Technical data

General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Signal type/category	Universal
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Piercecon® fast connection
Conductor cross section	0.14 mm² ... 0.38 mm² (flexible)
Conductor cross section AWG	22 ... 26 (flexible)
Wire diameter including insulation	1 mm ... 1.3 mm (Black wire clamping for 0.14 mm² ... 0.25 mm²)
	1.3 mm ... 1.6 mm (White wire clamping for 0.25 mm² ... 0.38 mm²)
Insertion/withdrawal cycles	≥ 100
Torque	0.5 Nm (Pressure nut with coupling sleeve)
	0.8 Nm (Connector with coupling sleeve)
	0.2 Nm (M8 knurl)

Material

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PA 6.6
Material of grip body	PA 6.6
Material, knurls	Nickel-plated brass
Sealing material	NBR

Standards and Regulations

Standards/specifications	M8 connector IEC 61076-2-104
Flammability rating according to UL 94	V0

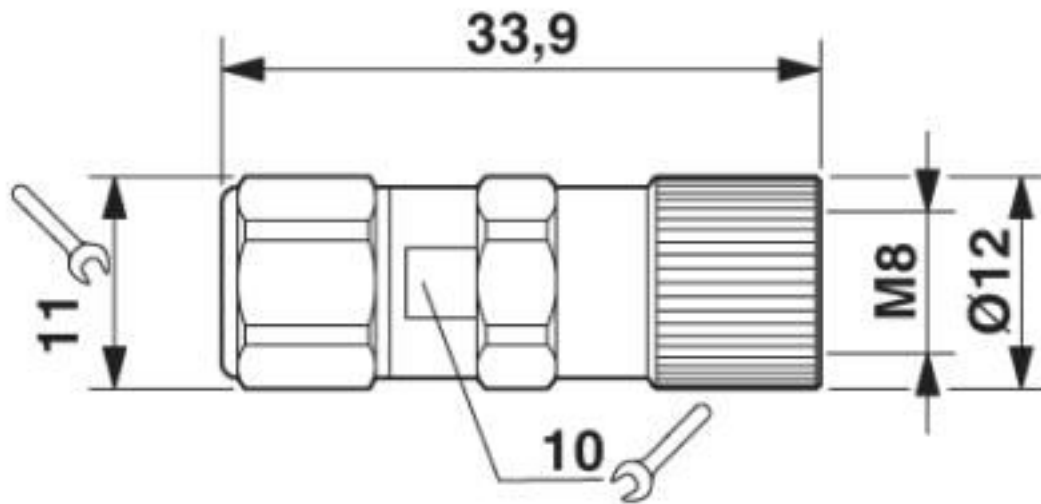
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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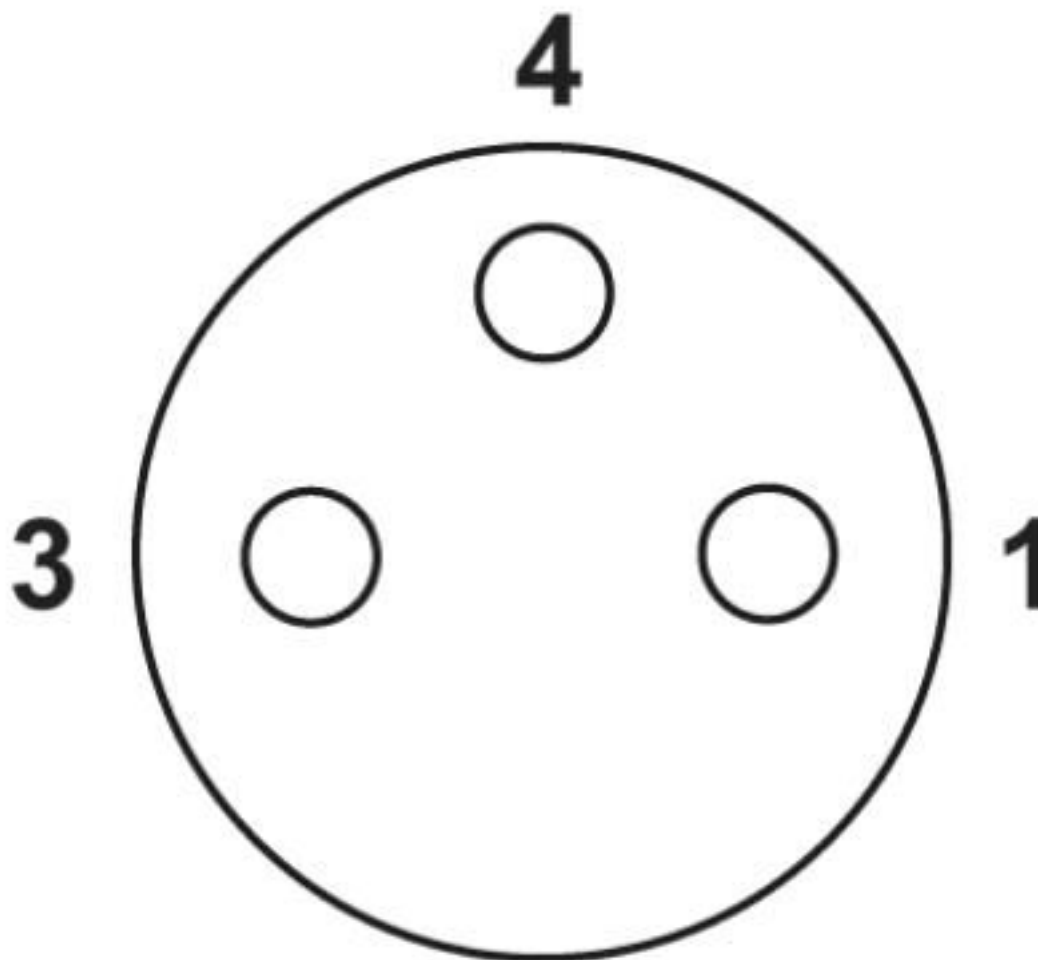
Dimensional drawing



Socket M8 x 1, straight

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Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

Classifications

eCl@ss

eCl@ss 10.0.1	27440102
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27279200
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

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Classifications

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062
ETIM 6.0	EC002062

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 18.0	39121413
UNSPSC 19.0	39121413
UNSPSC 20.0	39121413
UNSPSC 21.0	39121413

Approvals

Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

EAC		EAC-Zulassung
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EAC		RU C- DE.BL08.B.00511
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Accessories

Accessories

Cable by the meter

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Accessories

Cable reel - SAC-3P-100,0-PUR/0,25 - 1501689



By the meter, Cable reel, PUR halogen-free, black-gray RAL 7021, 3-wire, color single wire: brown, blue, black, cable length: 100 m

Cable reel - SAC-3P-100,0-PUR/0,34 - 1501650



By the meter, Cable reel, PUR halogen-free, black-gray RAL 7021, 3-wire, color single wire: brown, blue, black, cable length: 100 m

Plug for cable screw gland

Screw plug - PROT-M 8 MS-PA-CHAIN - 1430860

M8 sealing cap made of plastic with fixing band for sensor cables, for M8 sockets



Screwdriver tools

Tool - SACC BIT M8-D12 - 1208474



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 12 mm, for 4 mm hexagonal drive

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Torque tool

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Accessories

Torque screwdriver - TSD 02 SAC - 1208487



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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