PHŒNIX CONTACT

Connector - SACC-MINMS-5CON-PG11/2,5 - 1456226

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Connector, 5-position, Plug straight 7/8"-16UNF, Screw connection, Knurl material: Zinc die-cast, nickel-plated, Cable gland Pg11, External cable diameter 8 mm ... 10 mm, Contact 3 capacitive

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

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	60.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External cable diameter	8 mm ... 10 mm
Stripping length of the sheath	30 mm
Stripping length of the individual wire	7 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP67

General

Rated current at 40°C	9 A

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Technical data

General

Rated voltage	300 V
Number of positions	5
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	0.34 mm² ... 2.5 mm²
Conductor cross section AWG	22 ... 16
Insertion/withdrawal cycles	≥ 100
Torque	0.8 Nm (7/8" connectors)
	0.4 Nm (Screw terminal blocks)
	1 Nm ... 1.4 Nm (Pressure nut)
Tightening torque	Screw plug insert with sleeve housing as far it will go
Assembly instructions	The wires can be connected both with ferrules and without ferrules

Material

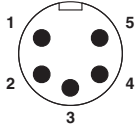|	
Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PUR / PA66
Material of grip body	PBT
Material, knurls	Zinc die-cast, nickel-plated

Standards and Regulations

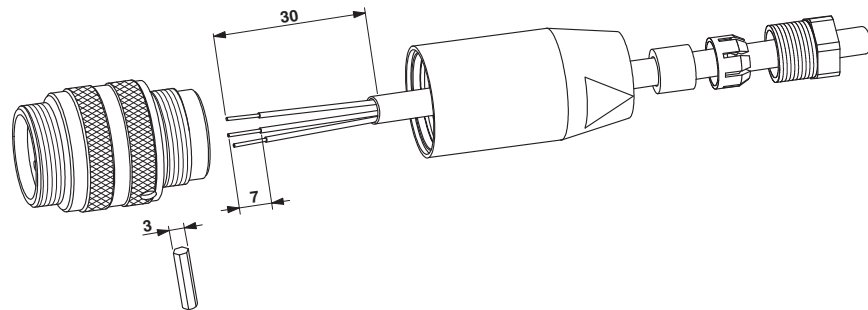|	
Connection in acc. with standard	CUL
Flammability rating according to UL 94	HB

Drawings

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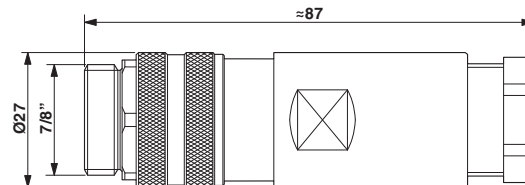# Connector - SACC-MINMS-5CON-PG11/2,5 - 1456226

Schematic diagram

Pin assignment, plug,
7/8"-16UNF, 5-pos., view of
male side

Functional drawing

Dimensional drawing

Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104
eCl@ss 9.0	27440102

ETIM

| ETIM 4.0 | EC002062 |
| ETIM 5.0 | EC002062 |

UNSPSC

| UNSPSC 6.01 | 31251501 |
| UNSPSC 7.0901 | 31251501 |

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Classifications

UNSPSC

UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / EAC

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized c

EAC

EAC

Accessories

Accessories

Protective cap

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Accessories

Sealing cap - PROT-MINFS-PA-CHAIN - 1430912

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" connectors

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Screwdriver tools

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

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Tool - SAC BIT MIN-D25 - 1212512

Nut for assembling 7/8" connectors with a knurl diameter of 25 mm, with 4 mm hexagonal drive

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Torque tool

Torque screwdriver - TSD 08 SAC - 1212597

Torque screw driver with preset torque of 0.8 Nm, with 4 mm hexagon for accommodating SAC bits, two-component handle with non-slip grip

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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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Accessories