Connector - SACC-MINMS-5CON-PG16 - 1559039

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Connector, 5-position, Plug straight 7/8"-16UNF, Screw connection, knurl material: Zinc die-cast, nickel-plated, cable gland Pg16, external cable diameter 12 mm ... 14 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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 299985
GTIN	4046356299985

Technical data

Dimensions

Diameter housing	27 mm
Length	86 mm
External cable diameter	12 mm ... 14 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
Rated voltage	300 V
Number of positions	5

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Technical data

General

Color handle area	black
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	III
Degree of pollution	3
Connection method	Screw connection
Conductor cross section	0.34 mm² ... 1.5 mm² (without ferrule)
	0.34 mm² ... 1.5 mm² (with ferrule)
	0.34 mm² ... 1.5 mm² (solid)
Conductor cross section AWG	22 ... 16 (without ferrule)
	22 ... 16 (with ferrule)
Insertion/withdrawal cycles	≥ 100
Torque	0.8 Nm (7/8" connectors)
	0.4 Nm (Screw terminal blocks)
	1 Nm ... 1.4 Nm (Pressure screw)
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 / PA 6.6
Material of grip body	PBT
Material, knurls	Zinc die-cast, nickel-plated

Standards and Regulations

Flammability rating according to UL 94	HB

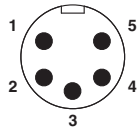
Environmental Product Compliance

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

Drawings

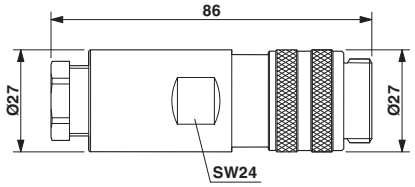
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Schematic diagram



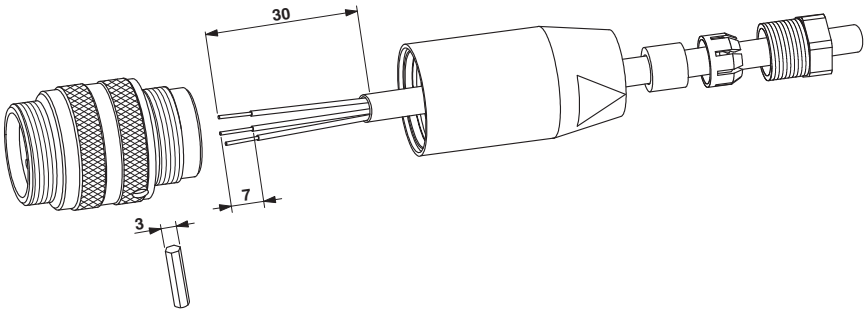
Pin assignment, plug, 7/8"-16UNF, 5-pos., view of male side

Dimensional drawing



Plug 7/8"-16UNF, straight, Pg16

Functional drawing



Approvals

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474

Nominal voltage UN	600 V
Nominal current IN	9 A

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EAC		RU C-DE.AI30.B.01102

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