

Connector - SACC-MINFR-4CON-PG 9 - 1521494

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Connector, Universal, 4-position, Socket angled 7/8"-UNF, A-coded, Screw connection, knurl material: Zinc die-cast, nickel-plated, cable gland Pg9, external cable diameter 6 mm ... 8 mm

Your advantages

- ✓ 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 pc
GTIN	
GTIN	4017918949716

Technical data

Dimensions

Diameter housing	28 mm
Length	61.1 mm
External cable diameter	6 mm ... 8 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

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.
------	---

Connector - SACC-MINFR-4CON-PG 9 - 1521494

Technical data

General

Rated current at 40°C	9 A
Rated voltage	300 V AC
	300 V DC
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Signal type/category	Universal
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)
	0.8 Nm ... 1 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
	The connector pin assignment can be rotated 45° to the cable outlet

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

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

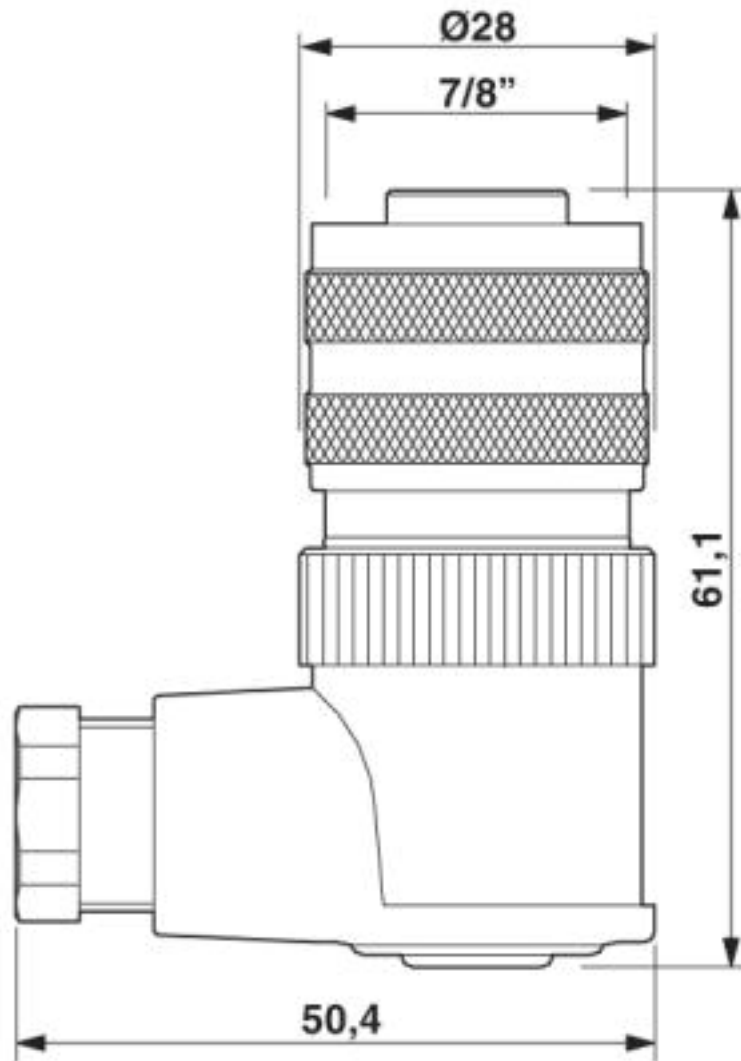
Environmental Product Compliance

	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

Connector - SACC-MINFR-4CON-PG 9 - 1521494

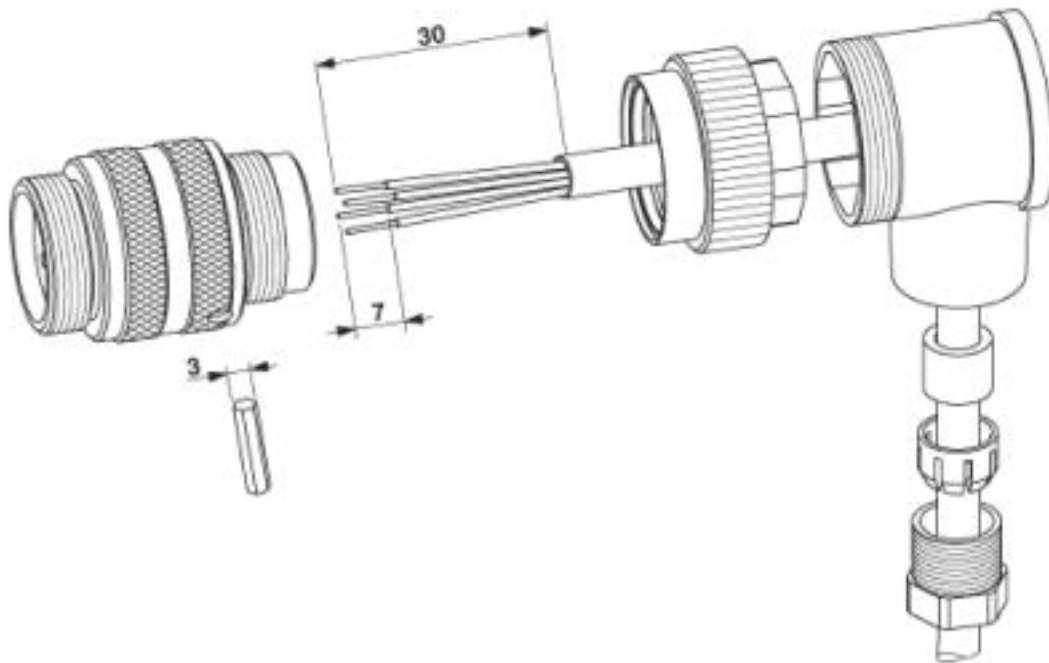
Dimensional drawing



Female $7/8''$ -16UNF, angled, Pg9

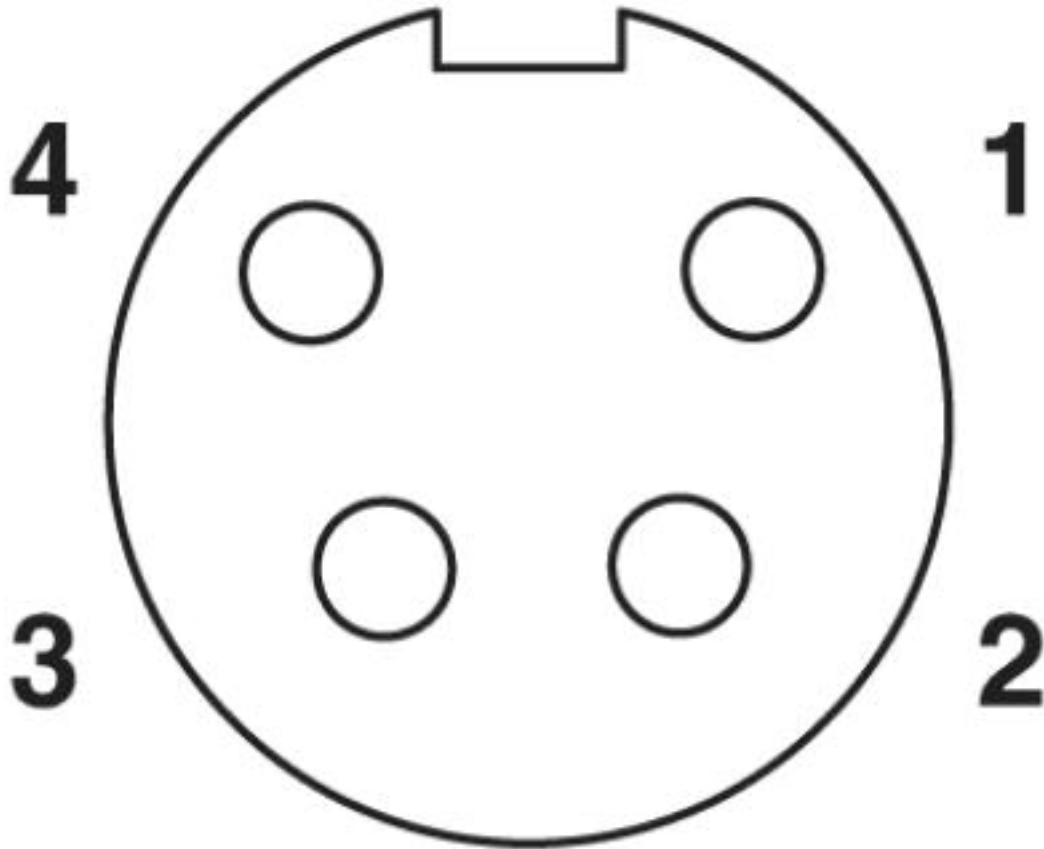
Connector - SACC-MINFR-4CON-PG 9 - 1521494

Functional drawing



Connector - SACC-MINFR-4CON-PG 9 - 1521494

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 4-pos., view of female side

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

Connector - SACC-MINFR-4CON-PG 9 - 1521494

Approvals

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	

cUL 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	

EAC		RU C- DE.AI30.B.01102
-----	--	--------------------------

cULus Recognized	
------------------	---

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>