

SACC-DSI-FS-8CON-PG 9/2,0 0,34 - Device connector, rear mounting



1401267

<https://www.phoenixcontact.com/us/products/1401267>

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Device connector, rear mounting, 8-position, Rear mounting, Pg9, Individual wires, cable length: 2 m, 0.34 mm², TPE litz wire

Commercial data

Item number	1401267
Packing unit	1 pc
Minimum order quantity	10 pc
Sales key	AB24
Product key	ABQCHE
GTIN	4046356543835
Weight per piece (including packing)	80.6 g
Weight per piece (excluding packing)	79.5 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Notes

General	Lock nut is included in the scope of delivery
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Mounting

Mounting type	Rear mounting Pg9 With locking nut
Assembly instructions	With locking nut
Connection method	Individual wires

Product properties

Product type	Circular connectors (device side)
Number of positions	8
No. of cable outlets	1
Shielded	no
Coding	A
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA 6.6
Material for screw connection	Zinc die-cast, nickel-plated
Conductor material	Tin-plated Cu litz wires

Electrical properties

Rated surge voltage	0.8 kV
Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	30 V
Nominal current I_N	2 A
Max. conductor resistance	80 m Ω /m

Connection data

Conductor connection

Connection method	Individual wires
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Cable/line

Cable length	2 m
Cable type	TPE litz wire
Conductor material	Tin-plated Cu litz wires
AWG signal line	22
Material wire insulation	TPE
Nominal voltage, cable	300 V
Test voltage, cable	2000 V AC
Cable resistance	$\leq 80 \text{ m}\Omega/\text{m}$
Cable insulation resistance	$\geq 20 \text{ M}\Omega \cdot \text{km}$

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)
	IP65/IP67
Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-25 °C ... 90 °C (cable, fixed installation)

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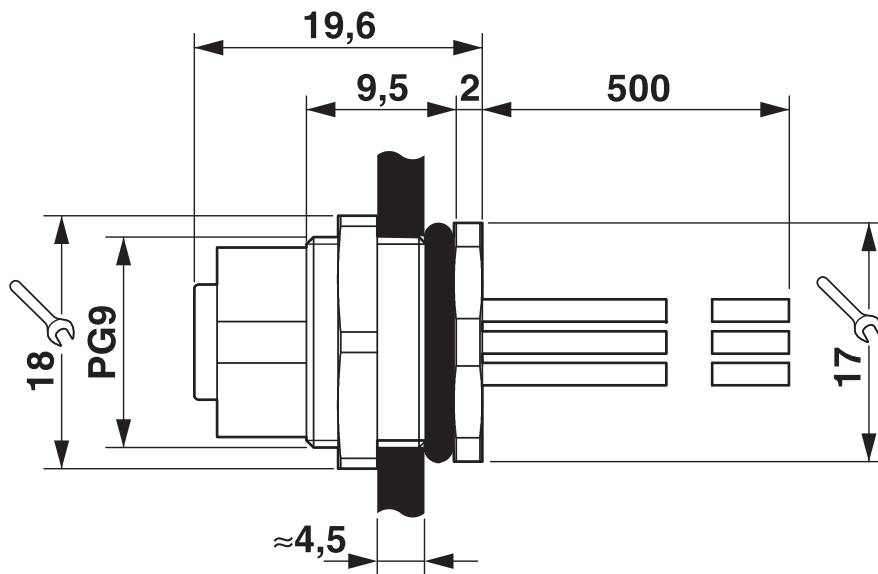


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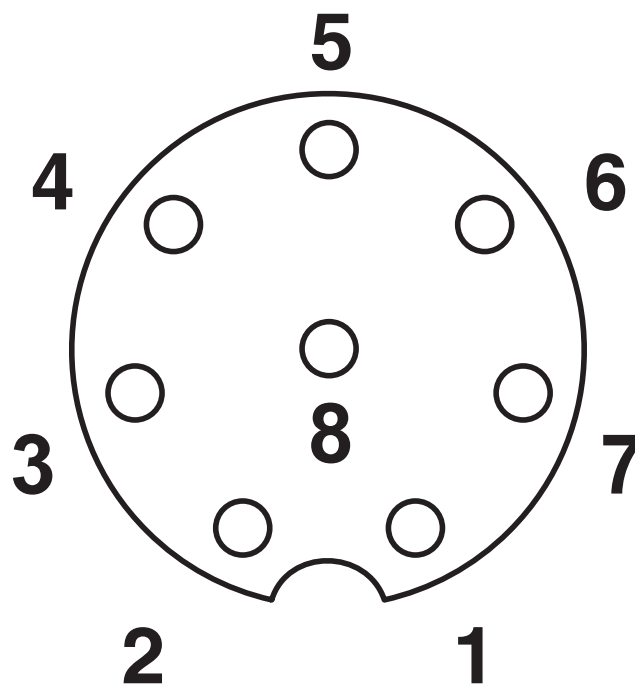
Drawings

Dimensional drawing



Dimensional drawing

Schematic diagram



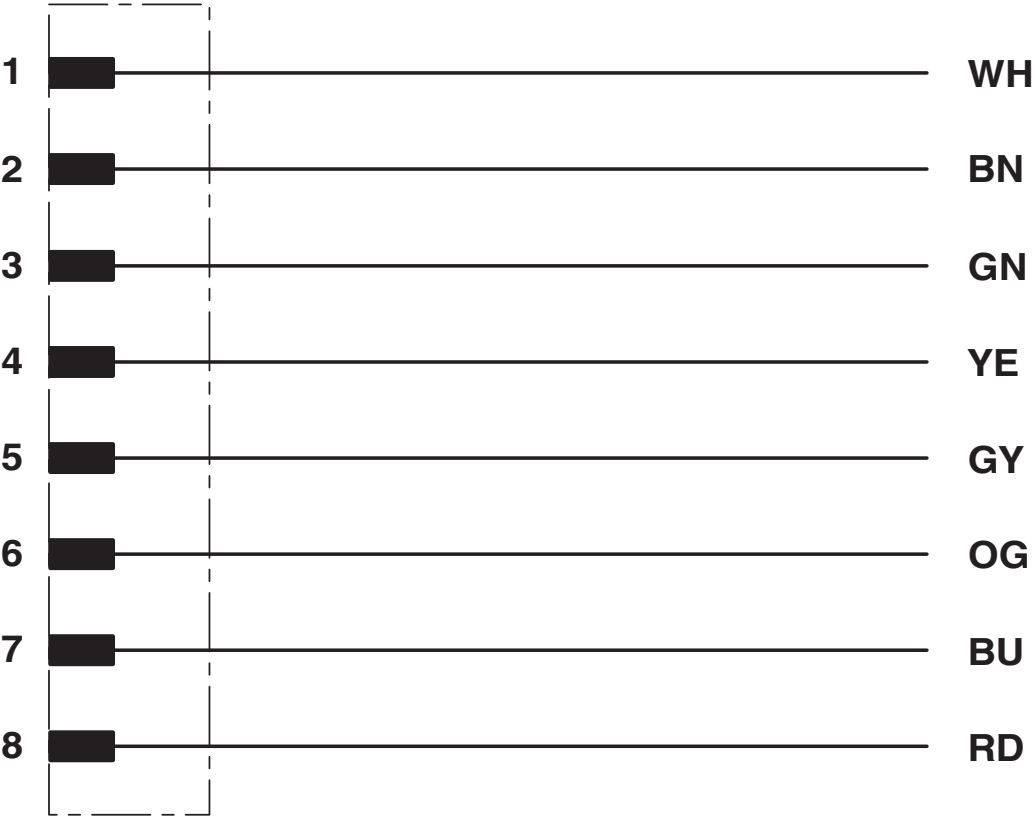
Pin assignment M12 socket, 8-pos., A-coded, view female side

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Circuit diagram



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Approvals

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EAC

Approval ID: B.01687

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Classifications

ECLASS

ECLASS-11.0	27440102
ECLASS-12.0	27440116
ECLASS-13.0	27440116

ETIM

ETIM 8.0	EC002635
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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