

# SACC-DSI-MS-8P-PG9/0,5 014 SCO - Panel feed-through



1401007

<https://www.phoenixcontact.com/us/products/1401007>

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Sensor/actuator flush-type plug, 8-pos., M12 SPEEDCON, rear/screw mounting with Pg9 thread, with 0.5 m TPE litz wire, 8 x 0.14 mm<sup>2</sup>

## Commercial data

Item number	1401007
Packing unit	1 pc
Minimum order quantity	50 pc
Product key	ABQCGE
GTIN	4046356516983
Weight per piece (including packing)	24.6 g
Weight per piece (excluding packing)	24.6 g
Country of origin	DE

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## Technical data

### Product properties

Number of positions	8
No. of cable outlets	1
Shielded	no
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### 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

### Connection data

Connection method	Individual wires
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### Signaling

Status display	no
Status display present	no

### 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

### Connector

#### Connection 1

Head design	Plug
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON
Coding	A

### Cable/line

Cable length	0.5 m
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Cable type	TPE litz wire
Single wire, color	brown, blue, white, gray, pink, green, yellow, red
Cable cross section	0.14 mm <sup>2</sup>
Conductor structure signal line	8x
AWG signal line	26
Material wire insulation	TPE

## 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)

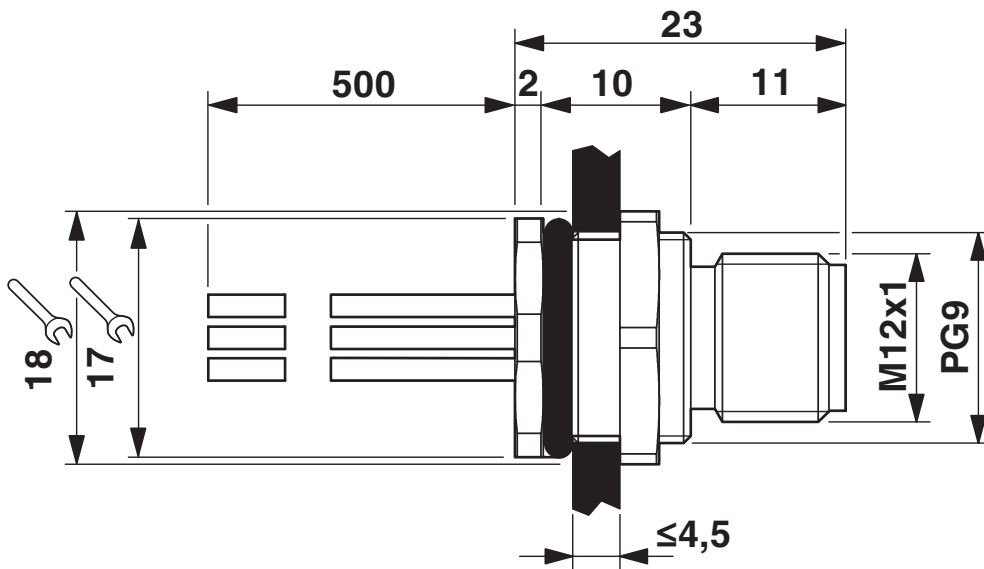
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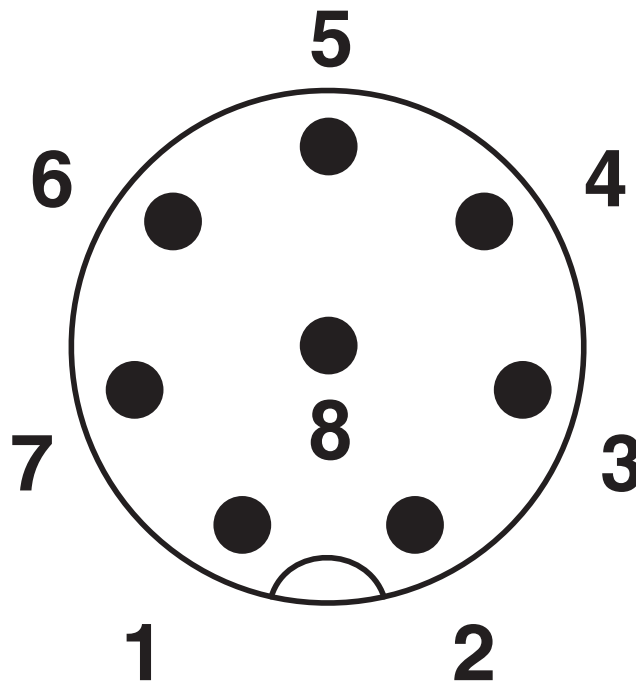
## Drawings

Dimensional drawing



M12 flush-type plug

Schematic diagram



Pin assignment M12 plug, 8-pos., view plug side

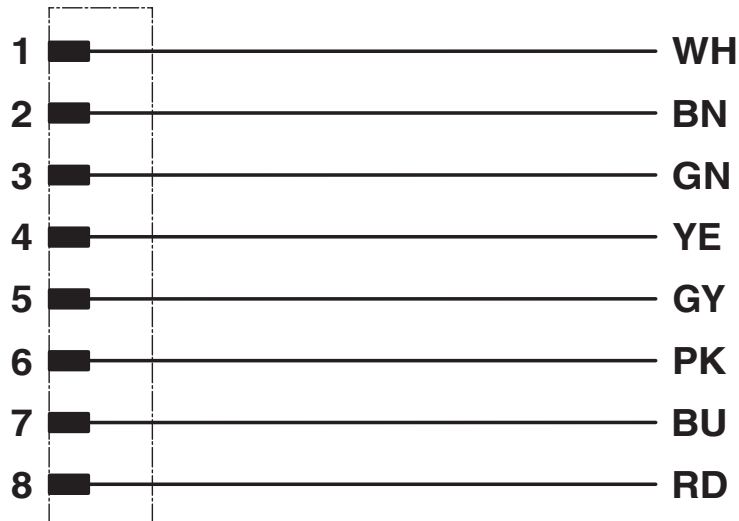
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## Circuit diagram



Contact assignment of the M12 plug

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