

SACC-DSI-MINFS-4CON-M26/1,0 - Device connector rear mounting



1453795

<https://www.phoenixcontact.com/us/products/1453795>

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Sensor/actuator flush-type socket, 4-pos., 7/8", rear mounting with M26 fastening thread, with 1.0 m PE litz wire, 4 x 0.75 mm²

Commercial data

Item number	1453795
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB22
Product key	ABQPAA
Catalog page	Page 50 (C-4-2015)
GTIN	4046356557825
Weight per piece (including packing)	126.3 g
Weight per piece (excluding packing)	126.3 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Rear mounting M26
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Product properties

Product type	Circular connectors (device side)
Number of positions	4
No. of cable outlets	1
Shielded	no

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Flammability rating according to UL 94	HB
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PUR
Material for screw connection	Zinc die-cast, nickel-plated

Electrical properties

Contact resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	250 V
Nominal current I_N	9 A

Connection data

Conductor connection

Connection method	Individual wires
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Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	7/8"-16UNF

Cable/line

Cable length	1 m
Cable type	PVC litz wire
Wire diameter incl. insulation	2.7 mm

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Single wire, color	brown, white, blue, black
Cable cross section	0.75 mm²
Conductor structure signal line	24x 0.20 mm
AWG signal line	18
Material wire insulation	PVC
Thickness, insulation	0.85 mm (Core insulation)
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-40 °C ... 85 °C (Socket)
	-40 °C ... 85 °C (cable, fixed installation)

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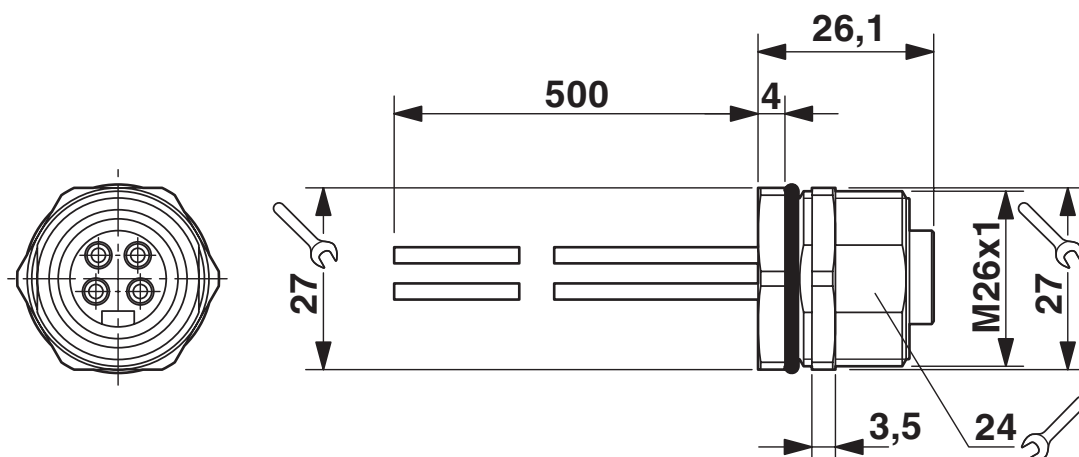


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Drawings

Dimensional drawing



7/8" flush-type socket

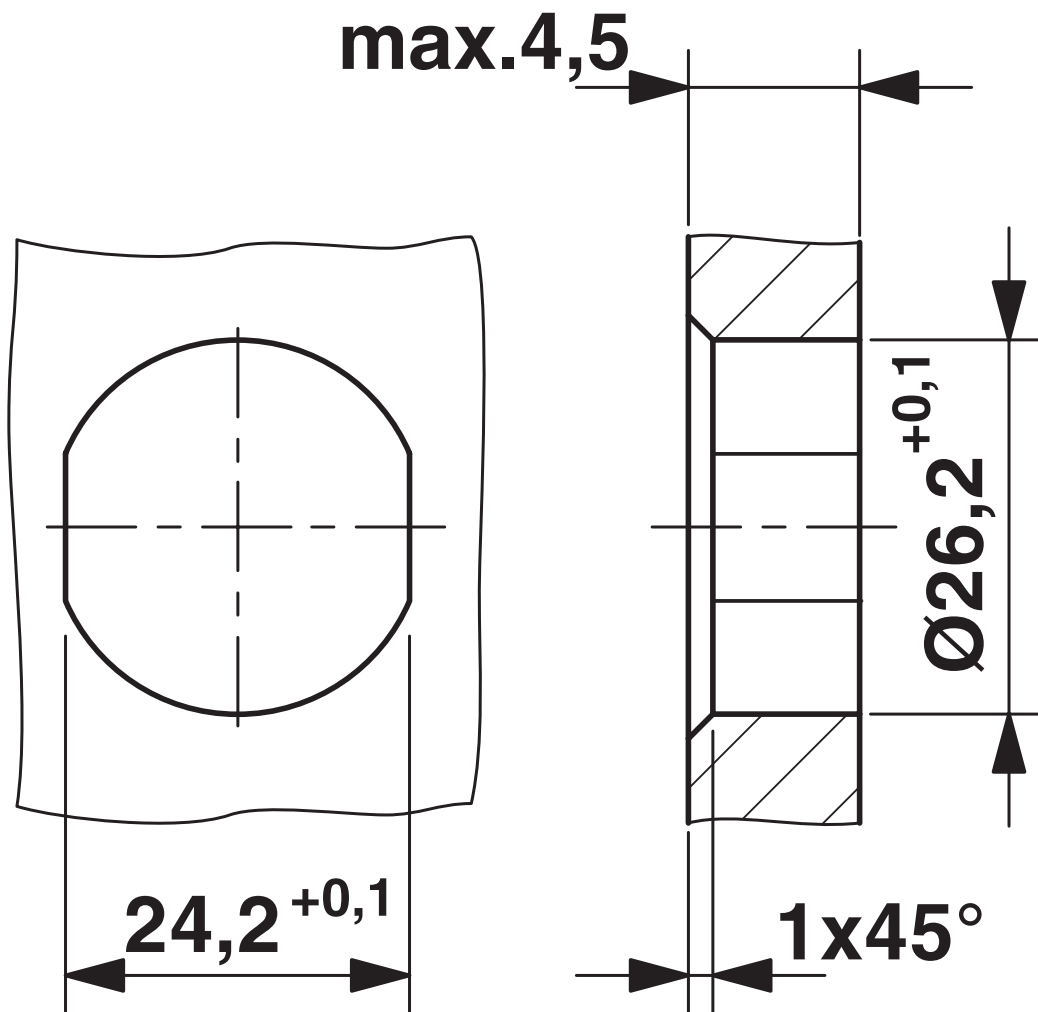
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Dimensional drawing



Housing cutout

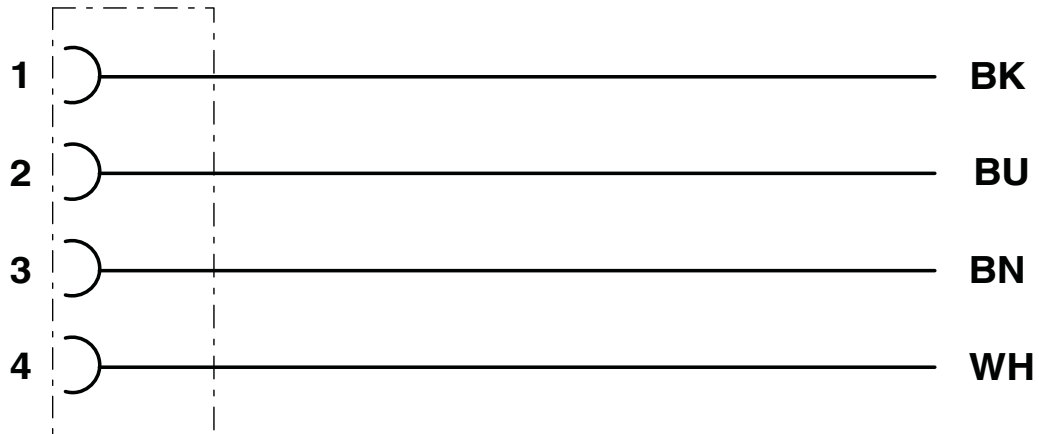
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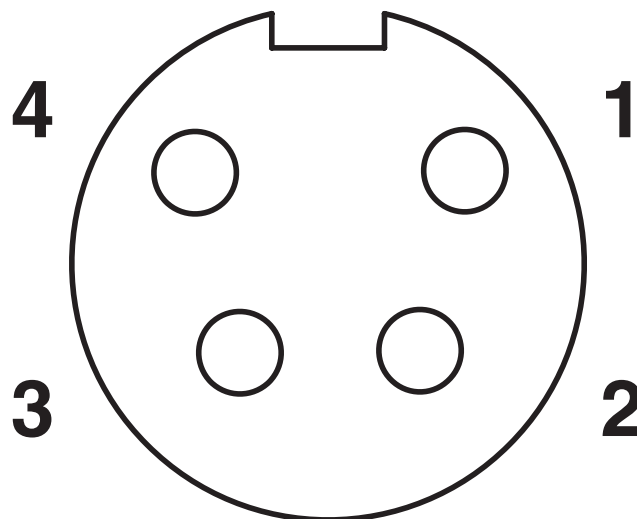
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Circuit diagram



Schematic diagram



Connector pin assignment

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Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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