

#### 1404549

https://www.phoenixcontact.com/us/products/1404549

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Control cabinet feed-through, M12, 8-pos., X-coded to RJ45 socket, socket input 180°, IP65/67



## Your advantages

## Compact design

## Commercial data

Item number	1404549
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB18
Product key	ABNPBC
GTIN	4046356699426
Weight per piece (including packing)	36.5 g
Weight per piece (excluding packing)	36.5 g
Customs tariff number	85366990
Country of origin	DE



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## Technical data

## **Product properties**

Product type	Female insert
Туре	M12
Sensor type	Ethernet
Number of positions	8
Connection profile	M12
Number of slots	1
Shielded	yes
Cable outlet	straight
Thread type	M12
Insulation characteristics	
Overvoltage category	III
Degree of pollution	2

#### **Electrical properties**

Maximum load current	0.5 A
Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Rated current	1.75 A
Nominal voltage U <sub>N</sub>	48 V
Nominal current I <sub>N</sub>	0.5 A
Transmission medium	Copper
Transmission characteristics (category)	CAT6 <sub>A</sub>
Power transmission	PoE++

## Connection data

Connection technology	
Connection method	Coupling

## Material specifications

Color	black
Flammability rating according to UL 94	V0
Housing material	Plastic
Material of grip body	PA
Contact material	Copper alloy

## Connector

Connection 1		
Туре	Socket M12	
Locking type	Screw connection	



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Coding type	X
Shielded	yes
Insertion/withdrawal cycles	≥ 750 (RJ45)
Degree of protection	IP65/IP67
Connection 2	
Туре	Socket RJ45
Degree of protection	IP20
echanical properties	
echanical properties Mechanical data	

# Ambient conditions IP65 IP67 IP65/IP67, when installed Ambient temperature (operation) -25 °C ... 85 °C Ambient temperature (storage/transport) -25 °C ... 85 °C

### Mounting

Mounting type Rear mounting	
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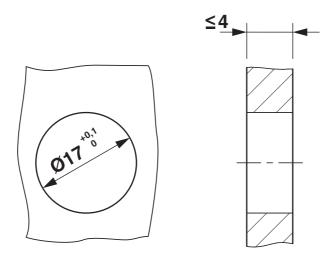


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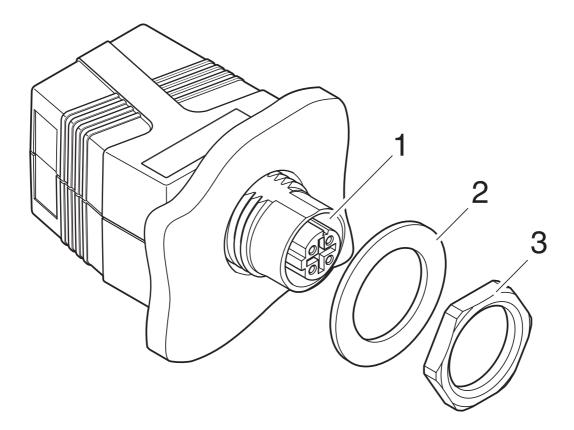
## Drawings

Dimensional drawing



Mounting cutout

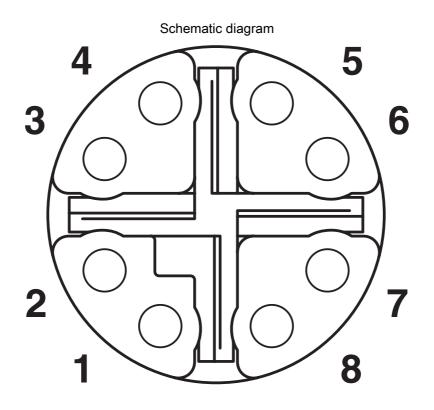
Exploded view





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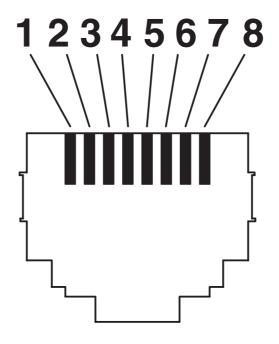
Pin assignment of M12 female, 8-pos., X-coded, view: female side



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Schematic diagram

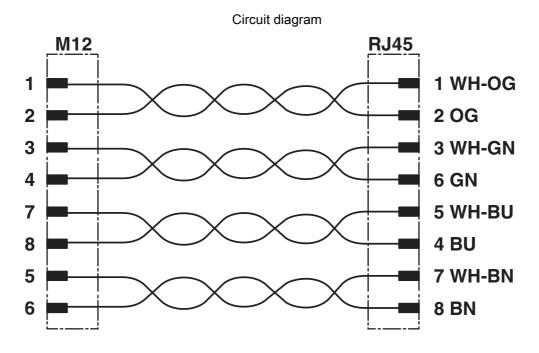


RJ45 jack insert



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Circuit diagram



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## Approvals

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UL Listed Approval ID: E335024-20140306				
	Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
	60 V	0.5 A	-	-

<u>@</u>	<b>cUL Listed</b> Approval ID: E335024-20 <sup>-</sup>	140306			
		Nominal voltage U <sub>N</sub>	Nominal current I <sub>N</sub>	Cross section AWG	Cross section mm <sup>2</sup>
		60 V	0.5 A	-	-



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## Classifications

## ECLASS

	ECLASS-13.0	27440390
ET	ГІМ	
	ETIM 9.0	EC004746
U	NSPSC	
	UNSPSC 21.0	39121400



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## Environmental product compliance

#### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	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.)	Lead(CAS: 7439-92-1)
SCIP	e5faff2b-d642-4712-b97d-a5ac81b8c350

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