

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	
Catalog page	Page 348 (C-2-2019)	
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	



1404549

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

### Technical data

#### Product properties

M12
Ethernet
8
M12
1
yes
straight
M12

#### Data management status

Article revision	07
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



1404549

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

Туре	Socket M12
Locking type	Screw connection
Coding type	X
Shielded	yes
Insertion/withdrawal cycles	≥ 750 (RJ45)
Degree of protection	IP65/IP67

#### Connection 2

Туре	Socket RJ45
Degree of protection	IP20

### Mechanical properties

#### Mechanical data

Wedianical data	
Insertion/withdrawal cycles	≥ 100

#### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP65
	IP67
	IP65/IP67, when installed
Ambient temperature (operation)	-25 °C 85 °C
Ambient temperature (storage/transport)	-25 °C 85 °C

### Mounting

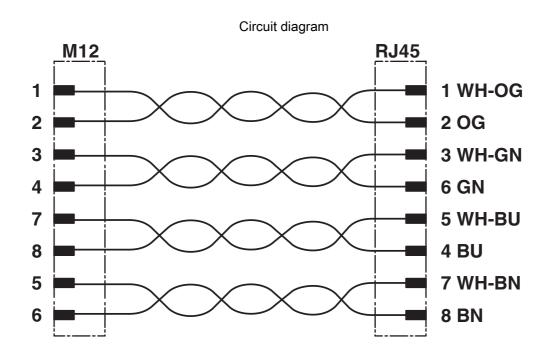
Mounting type	Rear mounting
Thread type	()

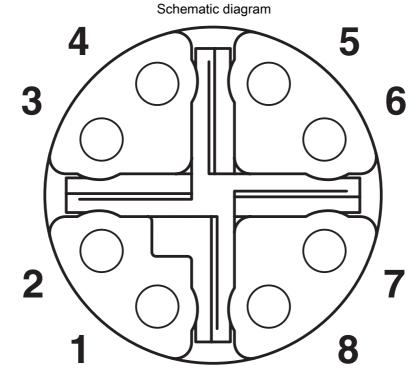


1404549

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### **Drawings**





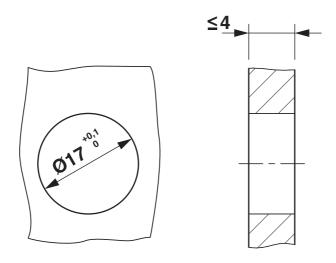
Pin assignment of M12 female, 8-pos., X-coded, view: female side



1404549

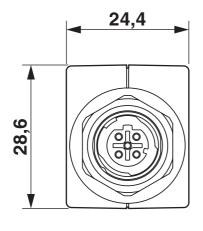
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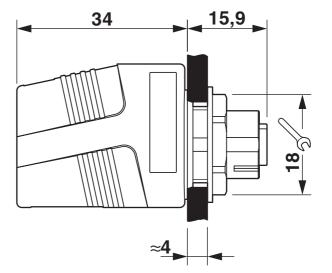
### Dimensional drawing



Mounting cutout

### Dimensional drawing



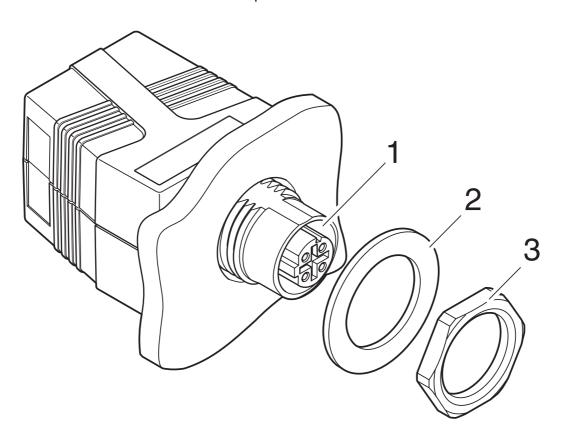




1404549

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





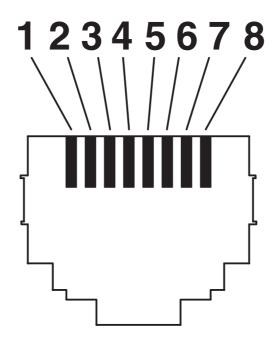
Exploded drawing



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Schematic diagram



RJ45 jack insert



1404549

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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	-	-

•	© CUL 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	-	-	

**cULus Listed** 



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### Classifications

UNSPSC 21.0

#### **ECLASS**

202.00				
	ECLASS-11.0	27440312		
	ECLASS-12.0	27440312		
	ECLASS-13.0	27440312		
ETIM				
	ETIM 9.0	EC002641		
UNSPSC				

39121400



1404549

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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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Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com