

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

2

Electrical properties

Degree of pollution

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 _N	48 V
Nominal current I _N	0.5 A
Transmission medium	Copper
Transmission speed	10 Gbps
Transmission characteristics (category)	CAT6 _A
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	



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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		
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	

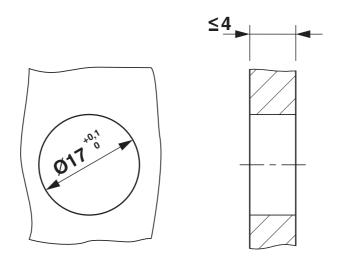


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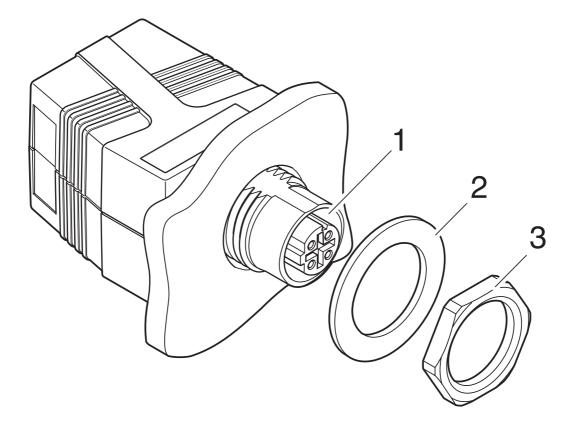
Drawings

Dimensional drawing



Mounting cutout

Exploded view

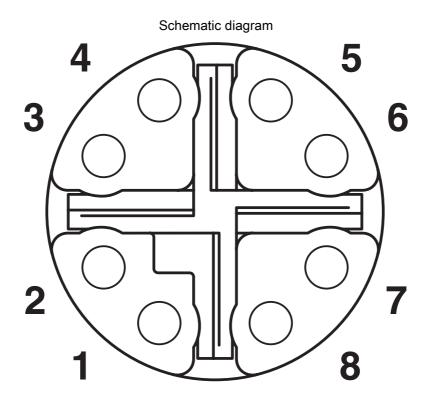


Exploded drawing



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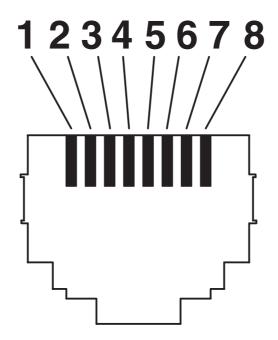
Pin assignment of M12 female, 8-pos., X-coded, view: female side



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Schematic diagram

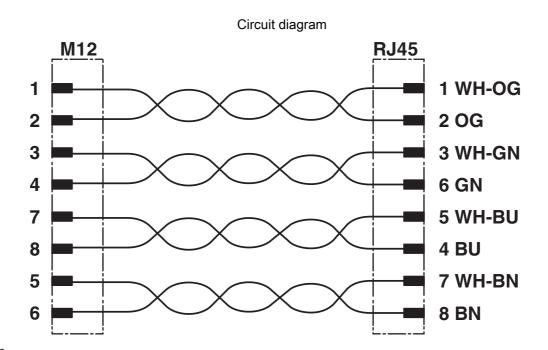


RJ45 jack insert



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Circuit diagram



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Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1404549

UL Listed Approval ID: E335024-20140306				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	60 V	0.5 A	-	-

cUL Listed Approval ID: E335024-20140306				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
keine				
	60 V	0.5 A	-	-



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Classifications

ECLASS

	ECLASS-13.0	27440390
	ECLASS-15.0	27440390
ΕT	ТМ	
	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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