

1414396

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

Your advantages

- Compact design
- IP65/67
- 1 Gbps

Commercial data

Item number	1414396
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB18
Product key	ABNPBA
Catalog page	Page 348 (C-2-2019)
GTIN	4055626166766
Weight per piece (including packing)	34 g
Weight per piece (excluding packing)	34 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
Shielded	yes
Cable outlet	straight
Thread type	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 _N	48 V
Nominal current I _N	0.5 A
Transmission medium	Copper
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	А
Shielded	yes
Insertion/withdrawal cycles	≥ 750 (RJ45)
Degree of protection	IP65/IP67
Connection 2	
Туре	Socket RJ45
Degree of protection	IP20
Mechanical data	> 100
Insertion/withdrawal cycles	≥ 100
nvironmental and real-life conditions	
Degree of protection	IP65/IP67, when installed
Ambient temperature (operation)	-25 °C 85 °C
lounting	
lounting	
Mounting type	Rear mounting

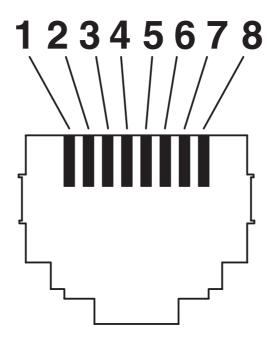


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Drawings

Schematic diagram



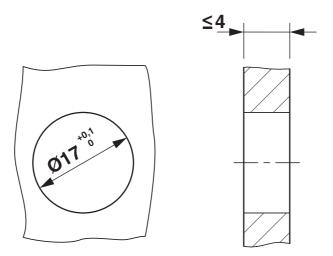
RJ45 jack insert



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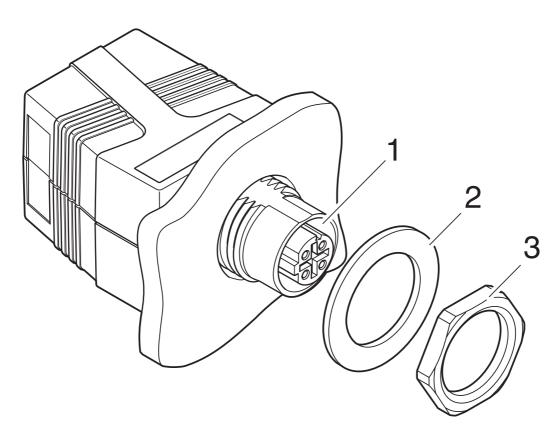
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Dimensional drawing



Mounting cutout

Exploded view

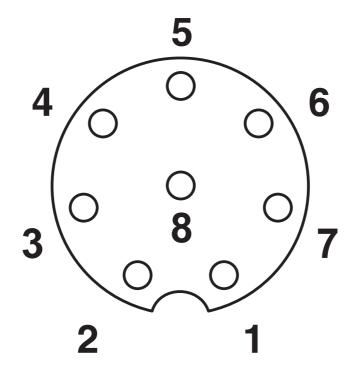




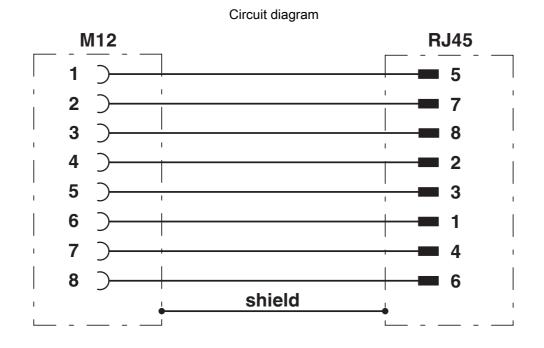
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Schematic diagram



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



Circuit diagram



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Approvals

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

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

cULus Listed



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Classifications

ECLASS

ECLASS-11.0	27141134
ECLASS-12.0	27141134
ECLASS-13.0	27141134

ETIM

	ETIM 9.0	EC001283	
UN	UNSPSC		
	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	c979102b-8c15-414b-b2b6-e669b6e10ee4

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