

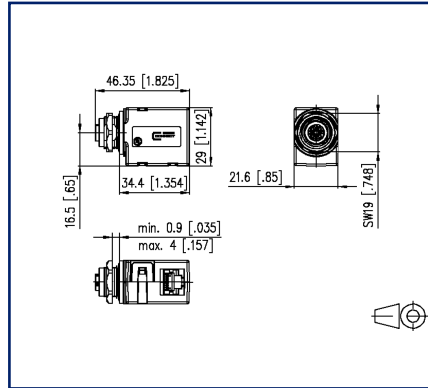
Data sheet

Panel feed through adapters M12 D-coded to RJ45 for electrical cabinets - angled

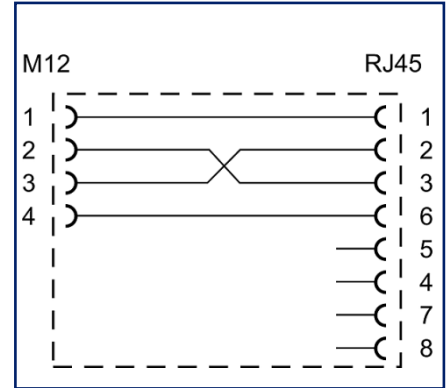
Illustrations



Dimensional drawing



Circuit diagram



See enlarged drawings at the end of document

Product specification

- panel feed-through adapter M12 to RJ45 for control cabinets
- M12 jack D-coded, IP67, per IEC/PS 61076-2-101
- RJ45 jack, IP20, per IEC 60603-7-51
- for 100 MBit Fast Ethernet (IEEE 802.3an)
- Cat.5
- plug-in direction: angled
- solid zinc die-cast housing, nickel-plated
- suitable for applications in the railway industry according to data sheet



P | Cabling

Data sheet

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Panel feed through adapters M12 D-coded to RJ45 for electrical cabinets - angled

P/N

MWN911A115

EAN 4251394609843

2022/06/22

Technical Data

General Data

Design	Jack
Mounting style	back side
Shielding	shielded
Transmission technology	Copper
Color	metallike
Dimensions	
Dimension (L x W x H)	46.35 mm x 21.6 mm x 29 mm
Dimension (L x W x H)	1.825 in. x 0.85 in. x 1.142 in.
Labeling option	on housing

Transmission characteristics

Category (ISO)	5
Category (TIA)	5

Connections/interfaces

Connector technology interface 1	RJ45-jack
Connector technology interface 2	M12-jack
Coding interface 2	D-coded
Number of ports interface 1	1
Number of ports interface 2	1
Number of equipped ports interface 1	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8P/4C
Number of positions/contacts interface 2	4

Electrical characteristics

Current carrying capacity	0.5 A
Rated voltage	60 V DC

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Materials and material properties

Material - Housing	GD-Zn (zinc die-cast)
Halogen free	yes
Silicone free	no paint wetting interfering substances (LaBS) in the process chain
LaBS Note	subsequent contamination possible due to handling and possible storage in your company
RoHS	compliant
REACH	compliant

Environmental conditions

Particulate ingress interface 1	IP2X
Liquid ingress/immersion interface 1	IPX0
Particulate ingress interface 2	IP6X when plugged in
Liquid ingress/immersion interface 2	IPX7 when plugged in
Degree of pollution	2

Standards/Regulations

Application-specific communications cabling systems	
Profinet	yes
Connectors for electronic equipment	
circular connector	DIN EN 61076-2-101
Rectangular connectors	IEC 60603-7-51
Railway applications	
Electronic equipment used on rolling stock	following to DIN EN 50155
Fire protection on railway vehicles	following to DIN EN 45545-2
Contact holder	Thermoplastic
Sealings	Elastomer
Shock and vibration	DIN EN 50155:2018-05, DIN EN 61373:2011-04 Class 1 Category B
Salt spray	DIN EN 50155:2018-05, (DIN EN 60068-2-11:2000-02/ 48h test KA)

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Technical Data

Classifications

ETIM 5.0	EC001134
ETIM 6.0	EC001134
ETIM 7.0	EC001134
ETIM 8.0	EC001134

Packing details

Type of packaging	10 pc(s) / box
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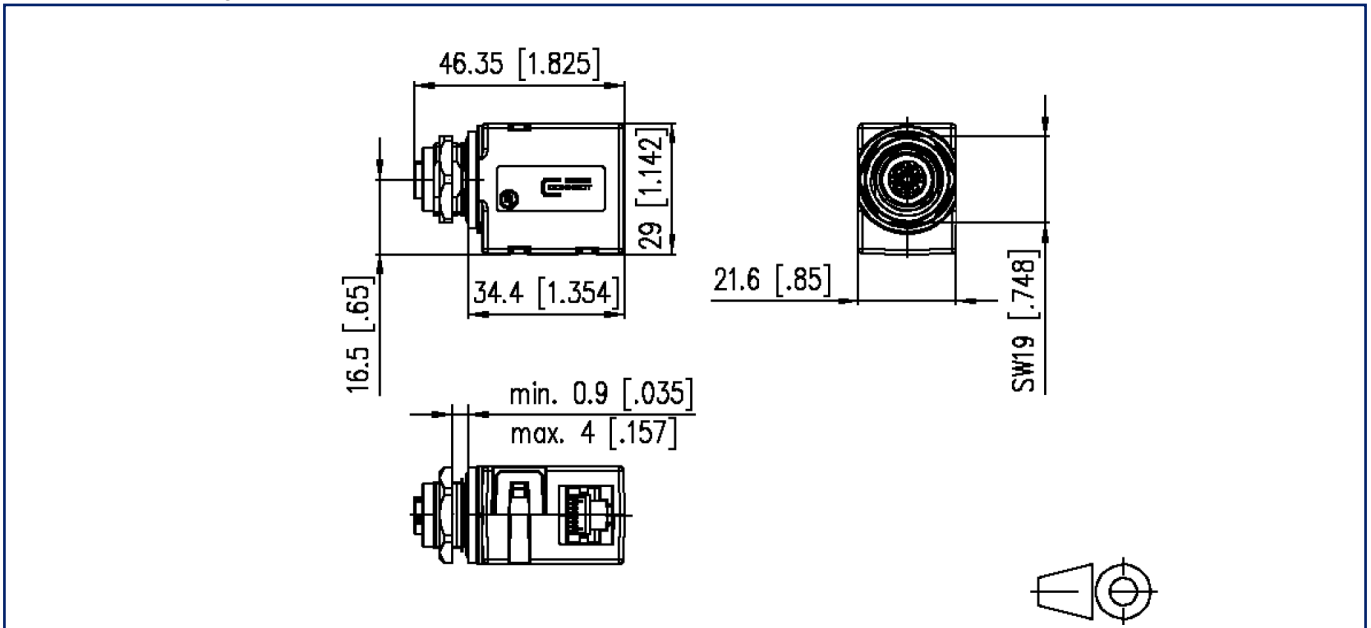
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