Dimensions

Cat 5 RJ45

M12 x 1

MDE45

39 · 23 · 13.9 · 25

Technical data

General specifications

Number of pins	4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	RJ-45

Electrical specifications

Operating voltage	U_B	max ... 42 V DC
Operating current	I_B	max 1.5 A

Ambient conditions

Ambient temperature	-40 ... 80 °C (-40 ... 176 °F)

Mechanical specifications

Degree of protection	IP67
Material	
Contacts	Gold plated copper alloy
Housing	PBT
Connector	nickel-plated brass
Slotted nut	nickel-plated brass

General information

Note	Category 5 : RJ-45 connector

Compliance with standards and directives

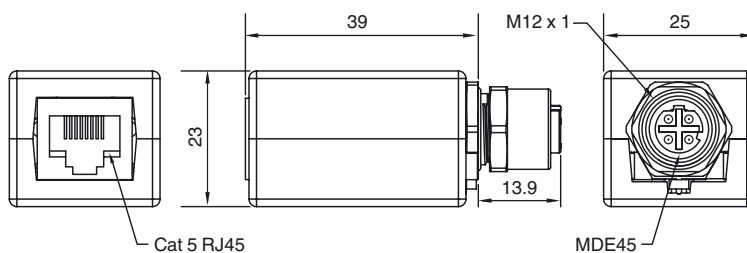|	
Standard conformity	
Standards	CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001) IEC 61076-2-101:2008

Model Number

V1D-M12H-V45-Y917140

Panel mount, adapter RJ45 socket to M12 socket D-coded

Features

- Front/screw mounting
- Suitable for 2-, 3- and 4-wire technology
- Panel mount connection adapter
- M12 D-coded to RJ45 (Shielded to coupling)

Electrical connection
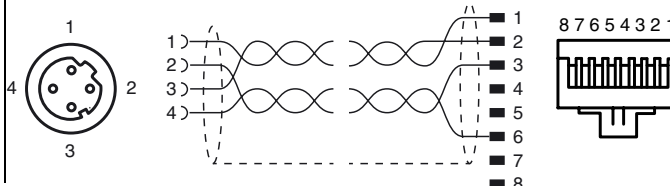
Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 4411
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

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