

product description

M12 adapter with degree of protection IP65

IE adapter M12-X/M12-D; Cat5e; M12 D-encoded socket to M12 X- encoded pin; for easy connection of M12 interfaces with D and X coding; 1 pack = 1 unit;



suitability for use

adapter (passive) for connecting 4-wire M12 cables (100 MB) to 8-wire M12 interfaces on active components

### transfer rate

transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s

### interfaces

number of electrical connections

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

4

1

type of electrical connection

- for network components or terminal equipment

M12 X male/M12 D female

### mechanical data

material / of the enclosure

metal

locking mechanism design

Screwed joint

tightening torque / for M12 round connector / maximum

0.6 N·m

connector coding / of the M12 circular connector

D / X

### design, dimensions and weights

width

15 mm

height

15 mm

depth

56 mm

net weight

30 g

### ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-25 ... +85 °C

-25 ... +85 °C

-25 ... +85 °C

protection class IP

IP67

### product features, product functions, product components / general

product feature

- PoE capability
- PoE+capability
- silicon-free

Yes

Yes

Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity

Yes

standard for structured cabling

Cat5e

reference code

- according to IEC 81346-2:2019

XGA

### further information / internet links

internet link

- to website: Selection guide for cables and connectors
- to web page: selection aid TIA Selection Tool
- to website: Industrial communication
- to web page: SiePortal
- to website: Image database
- to website: CAx-Download-Manager
- to website: Industry Online Support

- <https://support.industry.siemens.com/cs/ww/en/view/109766358>
- <https://www.siemens.com/tstcloud>
- <https://www.siemens.com/simatic-net>
- <https://sieportal.siemens.com>
- <https://www.automation.siemens.com/bilddb>
- <https://www.siemens.com/cax>
- <https://support.industry.siemens.com>

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security information

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## Approvals / Certificates

### General Product Approval



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Test Certificates

Marine / Shipping

other

Environment

[Special Test Certificate](#)



[Miscellaneous](#)

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## Environment



[Environmental Confirmations](#)

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