

product type designation

product description

IE Adapter M12-D90/M12-X90

90 degree angled M12 adapter with degree of protection IP65

IE adapter M12-D90/M12-X90; M12 D-encoded pin to M12 X- encoded socket; Cat5; for easy connection of M12 interfaces with D and X coding; 1 pack = 1 unit



Technical Product Detail Page

<https://l.siemens.com/1P6GK1901-0DE11-6AA0>

suitability for use

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

transfer rate

transfer rate / for Industrial Ethernet 10, 100 Mbit/s

interfaces

number of electrical connections

- for Industrial Ethernet FC TP cables 4
- for network components or terminal equipment 1

type of electrical connection

- for network components or terminal equipment M12 D male/M12 X 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 42 mm

depth 44 mm

ambient conditions

ambient temperature

- during operation -25 ... +85 °C
- during storage -25 ... +85 °C
- during transport -25 ... +85 °C

protection class IP IP67

product features, product functions, product components / general

product feature

- PoE capability Yes
- PoE+ capability Yes
- silicon-free Yes

standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes

standard for structured cabling Cat5e

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>

security information

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last modified:

10/30/2025 