

product type designation

product description

IE M12 Panel Feedthrough

Control cabinet feedthrough M12 (D-coded) / RJ45

IE M12 panel feedthrough control cabinet bushing to transition from M12 connection (D-coded)- connection method (IP65) on RJ45 connection technology (IP20) 1 pack=5 units.



product brand name

SIMATIC NET

Technical Product Detail Page

<https://i.siemens.com/1P6GK1901-0DM20-2AA5>

suitability for use

Control cabinet feedthrough for transition from M12 connection type (D-coded), IP65/67) to RJ45 connection type (IP20)

transfer rate

transfer rate / for Industrial Ethernet

10, 100 Mbit/s

interfaces

number of electrical connections

- for network components or terminal equipment

2

type of electrical connection

- for network components or terminal equipment

M12 socket (D-coded) and RJ45

type of electrical connection / FastConnect

No

mechanical data

material / of the enclosure

plastic

locking mechanism design

Screwed joint

tightening torque / for M12 round connector / maximum

0.6 N·m

connector coding / of the M12 circular connector

D

design, dimensions and weights

type of cable outlet

90° cable outlet

width

24 mm

height

45 mm

depth

35.4 mm

net weight

40 g

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

0 ... 70 °C

0 ... 70 °C

0 ... 70 °C

protection class IP

IP65/67 (M12), IP20 (RJ45)

product features, product functions, product components / general

product feature

- PoE capability
- PoE+ capability
- silicon-free

Yes

Yes

Yes

product component

- strain relief

Yes

standards, specifications, approvals

certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• railway application in accordance with EN 50155	No
standard for structured cabling	Cat5

further information / internet links

internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAX-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)
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Approvals / Certificates

General Product Approval	Test Certificates
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[Declaration of Conformity](#)



[China RoHS](#)



[Special Test Certificate](#)

Maritime application



Industrial Communication

[PROFINET](#)

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