

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.



Technical Product Detail Page

<https://l.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	2
<ul style="list-style-type: none"> for network components or terminal equipment 	
type of electrical connection	M12 socket (D-coded) and RJ45
<ul style="list-style-type: none"> for network components or terminal equipment 	
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	0 ... 70 °C
<ul style="list-style-type: none"> during operation 	
<ul style="list-style-type: none"> during storage 	0 ... 70 °C
<ul style="list-style-type: none"> during transport 	0 ... 70 °C
protection class IP	IP65/67 (M12), IP20 (RJ45)

product features, product functions, product components / general

product feature	Yes
<ul style="list-style-type: none"> PoE capability 	
<ul style="list-style-type: none"> PoE+ capability 	Yes
<ul style="list-style-type: none"> silicon-free 	Yes
product component	Yes
<ul style="list-style-type: none"> strain relief 	

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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