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Data sheet   **6GK1901-0DM40-2AA5**

product type designation	**IE M12 Panel Feedthrough 4x2**
product description	control cabinet feedthrough M12 (X-coded) / RJ45
	IE M12 panel feedthrough 4x 2 control cabinet bushing to transition from M12 connection connection system (X-coded) IP65/67 to RJ45 connection system IP20 1 pack=5 units.

suitability for use	Control cabinet feedthrough for transition from M12 connector type (X-coded, IP65/67) to RJ45 connector type (IP20)

transfer rate
transfer rate / for Industrial Ethernet	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10000 Mbit/s

interfaces
number of electrical connections	
● for network components or terminal equipment	1
type of electrical connection	
● for network components or terminal equipment	M12 socket (X-coded) and RJ45
type of electrical connection / FastConnect	No

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	X

design, dimensions and weights
type of cable outlet	90° cable outlet
width	22 mm
height	29 mm
depth	46 mm
net weight	63 g

ambient conditions
ambient temperature	
● during operation	-40 ... +85 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
chemical resistance	
● to water	resistant
protection class IP	IP65/67

product features, product functions, product components / general
product feature	
● PoE capability	Yes
● PoE+ capability	Yes
● silicon-free	Yes
product component	
● strain relief	Yes

standards, specifications, approvals
certificate of suitability	

3/25/2024

● RoHS conformity	Yes	
● UL approval	Yes	
● cULus approval	Yes	
● railway application in accordance with EN 50155	No	
standard for structured cabling	Cat6A	

further information / internet links

internet link	
● to website: Image database	https://www.automation.siemens.com/bilddb
● 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)

Approvals / Certificates

General Product Approval		Test Certificates	Marine / Shipping		Environment
EAC	Manufacturer Declaration	Special Test Certificate	DNV	Lloyd's Register LRS	Confirmation

Industrial Communication

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