

Data sheet

6GK1901-0DM20-2AA5

Product type designation

Product description

IE M12 Panel Feedthrough

Control cabinet feedthrough M12 (D-coded) / RJ45

IE M12 PANEL FEEDTHROUGH CONTROL CABINET BUSHING
FOR TRANSITION OF M12(D-CODED) CONNECT. TECHNOLOGY
(IP65) ON RJ45 CONNECT. TECHNOLOGY (IP20) 1 PACKAGE = 5
PIECE



Suitability for use

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

Transmission rate

Transfer rate / for Industrial Ethernet

10 Mbit/s, 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

Screw

Design, dimensions and weight

Type of cable outlet

90° cable outlet

Width

24 mm

Height	45 mm
Depth	35.4 mm
Net weight	40 g

Permitted ambient conditions

Ambient temperature	
• during operation	0 ... 70 °C
• during storage	0 ... 70 °C
• during transport	0 ... 70 °C
Protection class IP	IP65/67 (M12) / IP20 (RJ45)

Product properties, functions, components / general

Product feature	
• PoE capability	Yes
• PoE+capability	Yes
• silicon-free	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: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
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