

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 to transition from M12 connection (D-coded)- connection method (IP65) on RJ45 connection technology (IP20) 1 pack=5 units.



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 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

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
- UL approval

Yes
Yes

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • railway application in accordance with EN 50155 | No |
| standard for structured cabling | Cat5 |
| further information / internet links | |
| internet link <ul style="list-style-type: none"> • 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 |
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last modified:

5/18/2024