

### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, Fast Connect, without programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 72.2x 36.4 mm (WxHxD), Insulation displacement method FastConnect, without PG socket

suitability for use

for connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Integrated insulation displacement terminals for 2-core PB FC installation cables
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

Yes

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch. Isolation function: When resistor is connected, outgoing bus is disconnected

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

90 degree cable outlet

width

15.8 mm

height

72 mm

depth

36.4 mm

net weight

34 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes

product component

- PG connection socket No
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes

<ul style="list-style-type: none"> <li>• UL approval</li> </ul>	Yes
reference code	
<ul style="list-style-type: none"> <li>• according to IEC 81346-2</li> <li>• according to IEC 81346-2:2019</li> </ul>	XG XGA

**further information / internet links**

internet link	
<ul style="list-style-type: none"> <li>• to website: Selection guide for cables and connectors</li> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to website: Industrial communication</li> <li>• to web page: SiePortal</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="https://support.industry.siemens.com/cs/ww/en/view/109766358">https://support.industry.siemens.com/cs/ww/en/view/109766358</a> <a href="https://www.siemens.com/tstcloud">https://www.siemens.com/tstcloud</a> <a href="https://www.siemens.com/simatic-net">https://www.siemens.com/simatic-net</a> <a href="https://sieportal.siemens.com">https://sieportal.siemens.com</a> <a href="https://www.automation.siemens.com/bilddb">https://www.automation.siemens.com/bilddb</a> <a href="https://www.siemens.com/cax">https://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

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**Approvals / Certificates**

<b>General Product Approval</b>	<b>EMV</b>
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[Manufacturer Declaration](#)



**For use in hazardous locations**



[FM](#)



[FM](#)



[Type Examination Certificate](#)

**For use in hazardous locations**      **Marine / Shipping**



[CCC-Ex](#)



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