

### product type designation

product description



### IE FC RJ45 Plug PRO (Push Pull, 4x2)

RJ45 data connector

IE FastConnect RJ45 Plug PRO; IP65; FastConnect; IE; RJ45 Push-pull connector for on-site Installation on IE FC TP Cable 2x2; and IE FC TP Cable 4x2; Metal enclosure (packing unit 1 connector) .

suitability for use

Field-assembly connector for push-pull device connection in high degree of protection

### 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 Industrial Ethernet FC TP cables
- for network components or terminal equipment

8

1

type of electrical connection

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

Integrated insulation-displacement contacts for 8-wire (AWG24) and 4-wire (AWG22) TP FC installation cables

RJ45 connector (Push Pull device connection)

type of electrical connection / FastConnect

Yes

### mechanical data

material / of the enclosure

metal

number of reuses

10

locking mechanism design

Push-pull

### design, dimensions and weights

type of cable outlet

180° cable outlet

width

22 mm

height

29 mm

depth

73 mm

net weight

68.8 g

connectable cable cross-section

6.5 ... 8 mm

connectable conductor cross-section

0.21 ... 0.33 mm<sup>2</sup>

### ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +70 °C

-40 ... +70 °C

-40 ... +70 °C

chemical resistance

- to water

resistant

protection class IP

IP65/67

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

product feature

- PoE capability
- PoE+capability
- silicon-free

Yes

Yes

Yes

product component	
<ul style="list-style-type: none"> <li>• strain relief</li> </ul>	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	
<ul style="list-style-type: none"> <li>• RoHS conformity</li> <li>• UL approval</li> <li>• cULus approval</li> <li>• railway application in accordance with EN 50155</li> </ul>	Yes Yes Yes No
standard for structured cabling	Cat6A
reference code	
<ul style="list-style-type: none"> <li>• according to IEC 81346-2:2019</li> </ul>	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**

General Product Approval	Environment	Industrial Communication
 	<a href="#">Miscellaneous</a>	<a href="#">Confirmation</a>
		<a href="#">PROFINET</a>

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