

### Product description

Test access port with two network ports and two diagnostic ports for discharging telegrams from the network ports (both transmission directions)

SCALANCE TAP104 Text access port to telegram cable, 2 x RJ45 ports, 10/100MBit/s, LED diagnostics, 24 V DC Supply voltage, Manual



<b>Product type designation</b>	<b>SCALANCE TAP104</b>
<b>Transfer rate</b>	
Transfer rate	10 Mbit/s, 100 Mbit/s
<b>Interfaces / for communication / Integrated</b>	
Number of electrical connections	2; RJ45 with securing collar
<ul style="list-style-type: none"> <li>for network components or terminal equipment</li> </ul>	
<b>Interfaces / other</b>	
Number of electrical connections	1
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	
Type of electrical connection	3-pole terminal block
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	
<b>Supply voltage, current consumption, power loss</b>	
Type of voltage / of the supply voltage	DC
Supply voltage	24 V
<ul style="list-style-type: none"> <li>external</li> </ul>	

<ul style="list-style-type: none"> <li>external / minimum</li> </ul>	18 V
<ul style="list-style-type: none"> <li>external / maximum</li> </ul>	31.2 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.5 A / 60 V
Consumed current / maximum	0.06 A
Power loss [W]	
<ul style="list-style-type: none"> <li>at DC / at 24 V</li> </ul>	1.44 W

### Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	-40 ... +70 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +85 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-40 ... +85 °C
Relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
Protection class IP	IP20

### Design, dimensions and weights

Design	compact
Width	35 mm
Height	152 mm
Depth	135 mm
Net weight	0.24 kg
Mounting type	Installation with a stand and in 19" rack using accessory components
<ul style="list-style-type: none"> <li>35 mm DIN rail mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>wall mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>S7-300 rail mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>S7-1500 rail mounting</li> </ul>	Yes

### Product functions / redundancy

Product function	
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No

### Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> <li>for FM</li> </ul>	FM3611: Class 1, Division 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
<ul style="list-style-type: none"> <li>for hazardous zone</li> </ul>	EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X
<ul style="list-style-type: none"> <li>for safety / from CSA and UL</li> </ul>	UL 60950-1, CSA C22.2 No. 60950-1
<ul style="list-style-type: none"> <li>for emitted interference</li> </ul>	EN 61000-6-4 (Class B)

- for interference immunity

EN 61000-6-2

### Standards, specifications, approvals / CE

Certificate of suitability / CE marking Yes

### Standards, specifications, approvals / other

Certificate of suitability EN 61000-6-2, EN 61000-6-4

- C-Tick No
- KC approval Yes

### 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>

### Security information

Security information

Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit <http://www.siemens.com/industrialsecurity>. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <http://support.automation.siemens.com>. (V3.4)

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