

### Product description

PROFIBUS bus connector, RS485, screw, without PG socket, 90° SIPLUS DP PROFIBUS connector M R-90° cable outlet -25...+70 °C with conformal coating based on 6ES7972-0BA12-0XA0



Suitability for use	For connecting PROFIBUS nodes to the PROFIBUS bus cable
<b>Transmission rate</b>	
Transfer rate / with PROFIBUS DP	9.6 kbit/s ... 12 Mbit/s
<b>Interfaces</b>	
Number of electrical connections	
• for PROFIBUS cables	2
• for network components or terminal equipment	1
Type of electrical connection	
• for PROFIBUS cables	Screw
• for network components or terminal equipment	9-pin Sub-D connector
<b>Mechanical data</b>	
Design of terminating resistor	Integrated resistor combination that can be selected with slide switch
Material / of the enclosure	plastic
<b>Design, dimensions and weight</b>	
Type of cable outlet	90 degree cable outlet
Width	15.8 mm

Height	64 mm
Depth	35.6 mm
Net weight	10 g

### Permitted ambient conditions

Ambient temperature	
• during operation	-25 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Relative humidity / with condensation / maximum	100 %
Resistance to biologically active substances / conformity acc. to EN 60721-3-3	Yes
Resistance to chemically active substances / conformity acc. to EN 60721-3-3	Yes
Resistance to mechanically active substances / conformity acc. to EN 60721-3-3	Yes
Protection class IP	IP20

### Product properties, functions, 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

### Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	<a href="http://www.siemens.com/snst">http://www.siemens.com/snst</a>
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx Download Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>

**last modified:** 05/16/2018