

product description



Figure similar

PROFIBUS bus connector, RS 485, screw, without programming port, 35°

SIPLUS DP PB CONNECTOR W R - TILTED CABLE OUTLET -40 ... +70 °C with conformal coating based on 6ES7972-0BA41-0XA0

suitability for use	For connecting PROFIBUS stations to the PROFIBUS bus cable
<b>transfer rate</b>	
transfer rate / with PROFIBUS DP	9.6 kbit/s ... 12 Mbit/s
<b>interfaces</b>	
number of electrical connections	2
<ul style="list-style-type: none"> <li>for PROFIBUS cables</li> <li>for network components or terminal equipment</li> </ul>	1
type of electrical connection	Screw
<ul style="list-style-type: none"> <li>for PROFIBUS cables</li> <li>for network components or terminal equipment</li> </ul>	9-pin sub D connector
type of electrical connection / FastConnect	No
<b>mechanical data</b>	
design of terminating resistor	Resistor combination integrated and connectable via slide switch
material / of the enclosure	plastic
locking mechanism design	Screwed joint
<b>design, dimensions and weights</b>	
type of cable outlet	35 degree cable outlet
width	15.8 mm
height	54 mm
depth	39.5 mm
net weight	60 g
<b>ambient conditions</b>	
ambient temperature	-40 ... +70 °C
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	-40 ... +70 °C
installation altitude / at height above sea level / maximum	5000 m
ambient condition / relating to ambient temperature - air pressure - installation altitude	Tmin ... Tmax at 1 140 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax -20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m)
relative humidity	100 %; RH incl. condensation/frost permitted (no commissioning in bedewed state)
<ul style="list-style-type: none"> <li>with condensation / maximum</li> </ul>	
resistance to biologically active substances	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request
<ul style="list-style-type: none"> <li>conformity acc. to EN 60721-3-3</li> </ul>	

<ul style="list-style-type: none"> <li>conformity acc. to EN 60721-3-6</li> </ul>	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request
resistance to chemically active substances <ul style="list-style-type: none"> <li>conformity acc. to EN 60721-3-3</li> <li>conformity acc. to EN 60721-3-6</li> </ul>	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
resistance to mechanically active substances <ul style="list-style-type: none"> <li>conformity acc. to EN 60721-3-3</li> <li>conformity acc. to EN 60721-3-6</li> </ul>	Yes; Class 3S4 incl. sand, dust, * Yes; Class 6S3 incl. sand, dust; *
environmental category / acc. to IEC 60721 / note	* The supplied plug covers must remain in place over the unused interfaces during operation!
coating / for equipped printed circuit board / acc. to EN 61086	Yes; Class 2 for high reliability
type of coating <ul style="list-style-type: none"> <li>protection against pollution according to EN 60664-3</li> </ul>	Yes; Type 1 protection
type of test / of the coating / acc. to MIL-I-46058C	Yes; Discoloration of coating possible during service life
product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies acc. to IPC-CC-830A	Yes; Conformal coating, Class A
<b>product features, product functions, product components / general</b>	
product feature <ul style="list-style-type: none"> <li>silicon-free</li> </ul>	Yes
product component <ul style="list-style-type: none"> <li>PG connection socket</li> <li>strain relief</li> </ul>	No Yes
<b>standards, specifications, approvals</b>	
certificate of suitability <ul style="list-style-type: none"> <li>RoHS conformity</li> <li>UL approval</li> </ul>	Yes Yes
<b>last modified:</b>	1/16/2021 