SIEMENS

Data sheet

6ES7972-0BA52-0XA0

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, Insulation displacement method FastConnect, without PG socket 15.8x 59x 35.6 mm (BxHxD)

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	
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	59 mm	
depth	35.6 mm	
net weight	36 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 approval 	Yes	

reference code	
 according to IEC 81346-2 	XG
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://sie.ag/2QdlxcP
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