SIEMENS

Data sheet

6ES7972-0BB61-0XA0

product description



PROFIBUS bus connector, RS 485, Fast Connect, with programming port, 35°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 35 degree cable outlet, Insulation displacement method FastConnect, With PG receptacle 15.8x 54x 39.5 mm (BxHxD)

transfer rate / with PROFIBUS DP 9.6 kbit/s 12 Mbit/s Interfaces Inumber of electrical connections • for PROFIBUS cables 2 • for network components or terminal equipment Itype of electrical connection • for network components or terminal equipment Itype of electrical connection / FastConnect Itype of electrical connection / FastConnection Itype of electrical connection / FastConnection Itype of electrical connection / FastConnection Itype of electrical connection Itype of elect	suitability for use	For connecting PROFIBUS stations to the PROFIBUS bus cable	
Interfaces number of electrical connections			
number of electrical connections	transfer rate / with PROFIBUS DP	9.6 kbit/s 12 Mbit/s	
• for PROFIBUS cables • for network components or terminal equipment type of electrical connection • for network components or terminal equipment type of electrical connection / FastConnect rechanical data design of terminating resistor material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width 15.8 mm height 6epth 39.5 mm net weight 34 g ambient conditions ambient temperature • during operation • during storage • during transport product feature • silicon-free product component • PG connection integrated and connectable via slide switch material / of the enclosure locking mechanism design 5crewed joint 4crewed joint 4s gage cable outlet width 15.8 mm 15.8 mm 16.9 mm 17.0 °C 16.0 °C 17.0 °C 17.0 °C 18.0 °C	interfaces		
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type of cable outlet width 15.8 mm height 54 mm depth 39.5 mm net weight 34 g ambient conditions ambient temperature • during operation • during storage • during transport protection class IP product features, product functions, product components / general product feature • silicon-free product component • PG connection socket • strain relief yes standards, specifications, approvals certificate of suitability	locking mechanism design	Screwed joint	
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net weight ambient conditions ambient temperature • during operation • during storage • during transport • during transport • during transport product features, product functions, product components / general product feature • silicon-free product component • PG connection socket • strain relief standards, specifications, approvals certificate of suitability	height	54 mm	
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during transport protection class IP IP20 product features, product functions, product components / general product feature silicon-free Yes product component PG connection socket strain relief standards, specifications, approvals certificate of suitability -40 +70 °C IP20 Pes Yes Yes Yes Yes Standards, specifications, approvals	 during operation 	-25 +60 °C	
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product features, product functions, product components / general product feature	during transport	-40 +70 °C	
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• strain relief Yes standards, specifications, approvals certificate of suitability	product component		
standards, specifications, approvals certificate of suitability	 PG connection socket 	Yes	
certificate of suitability	strain relief	Yes	
	standards, specifications, approvals		
• RoHS conformity Yes	•		
	 RoHS conformity 	Yes	

UL approval	Yes
reference code	
• acc. to IEC 81346-2	XF
further information / internet-Links	
Internet-Link	
 to website: Selection guide for cables and connectors 	https://sie.ag/2QdlxcP
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