SIEMENS

Data sheet

6ES7972-0BB52-0XA0

product description



PROFIBUS bus connector, RS 485, Fast Connect, with programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, Insulation displacement method FastConnect, With PG receptacle 15.8x 59x 35.6 mm (BxHxD)

transfer rate transfer rate / with PROFIBUS DP transfer rate / with PROFIBUS DP so for hold with profit profit profit product feature transfer rate / with PROFIBUS DP so for PROFIBUS cables of or PROFIBUS cables of or network components or terminal equipment of or PROFIBUS cables of or network components or terminal equipment yes of electrical connection / FastConnect rechanical data design of terminating resistor material / of the enclosure locking mechanism design Screwed joint design dimensions and weights type of cable outlet width fis.8 mm height depth so fin temperature of during operation of during storage of during storage of during transport of transfer rate / with product functions, product components / yes entificate of suitability product features, product functions, approvals certificate of suitability certificate of suitability	suitability for use	For connecting PROFIBUS stations to the PROFIBUS bus cable
Interfaces number of electrical connections	transfer rate	
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 PROFIBUS cables • for network components or terminal equipment type of electrical connection / FastConnect design of terminating resistor material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width 15.8 mm height depth 35.6 mm net weight ambient conditions ambient temperature • during operation • during storage • during storage • during transport product feature • silicon-free product feature • strain relief PYes tintegrated insulation displacement terminals for 2-core PB FC installation cables ### PROFIBUS Integrated insulation displacement terminals for 2-core PB FC installation cables #### PROFIBUS Integrated insulation displacement terminals for 2-core PB FC installation cables ##### PROFIBUS ##### PROFIBUS Integrated insulation displacement terminals for 2-core PB FC installation cables ######### PROFIBUS ###################################	interfaces	
for network components or terminal equipment type of electrical connection • for PROFIBUS cables • for network components or terminal equipment type of electrical connection / FastConnect	number of electrical connections	
type of electrical connection	 for PROFIBUS cables 	2
• for PROFIBUS cables Integrated insulation displacement terminals for 2-core PB FC installation cables • for network components or terminal equipment type of electrical connection / FastConnect Yes mechanical 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 6epht 10 g ambient conditions ambient temperature • during storage • during storage • during transport product feature • silicon-free product component • PG connection scoket • strain relief Yes standards, specifications, approvals	 for network components or terminal equipment 	1
• for network components or terminal equipment type of electrical connection / FastConnect **Resistor combination integrated and connectable via slide switch material / of the enclosure locking mechanism design **design, dimensions and weights **type of cable outlet **width **height **depth **net weight **ambient conditions **ambient temperature • during operation • during storage • during transport **ped connections, product components / general **product feature • silicon-free **product feature **product feature • Strain relief **ped for network components of the pin sub D connector **yes **standards, specifications, approvals**	type of electrical connection	
type of electrical connection / FastConnect mechanical data design of terminating resistor material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width height by the weight locking mechanism design depth locking mechanism design depth locking mechanism design depth locking mechanism design depth locking mechanism design design, dimensions and weights type of cable outlet locking mechanism design design, dimensions and weights locking mechanism design design dimensions and weights locking mechanism design design dimensions and weights locking mechanism design design dimensions design desig	• for PROFIBUS cables	
design of terminating resistor material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width height depth net weight ambient conditions ambient temperature during operation during storage during transport eduring storage during transport design disconfree product feature e silicon-free product component e PG connection scapes standards, specifications, approvals	 for network components or terminal equipment 	9-pin sub D connector
design of terminating resistor material / of the enclosure locking mechanism design design, dimensions and weights type of cable outlet width height depth net weight ambient conditions ambient temperature • during operation • during storage • during transport product feature • silicon-free product component • PG connection s, approvals resistor combination integrated and connectable via slide switch plastic	type of electrical connection / FastConnect	Yes
material / of the enclosure locking mechanism design Screwed joint design, dimensions and weights type of cable outlet width 15.8 mm height depth 59 mm depth 10 g ambient conditions ambient temperature • during operation • during storage • during transport product features • silicon-free plastic plastic Screwed joint 90 degree cable outlet 15.8 mm 10 g 35.6 mm 10 g 40 +70 °C -25 +60 °C -40 +70 °C -	mechanical data	
locking mechanism design design, dimensions and weights type of cable outlet width height depth net weight ambient conditions ambient temperature • during operation • during storage • during transport product features, product functions, product components / general product feature • silicon-free product component • PG connection socket • strain relief services and services are services and	design of terminating resistor	Resistor combination integrated and connectable via slide switch
type of cable outlet width	material / of the enclosure	plastic
type of cable outlet width 15.8 mm height 59 mm depth 35.6 mm net weight 10 g ambient conditions ambient temperature • during operation • during storage • during transport product features, product functions, product components / general product feature • silicon-free product component • PG connection socket • strain relief standards, specifications, approvals	locking mechanism design	Screwed joint
width 15.8 mm height 59 mm depth 35.6 mm net weight 10 g ambient conditions ambient temperature • during operation • during storage • during transport -40 +70 °C product features, product functions, product components / general product feature • silicon-free Yes product component • PG connection socket Yes • strain relief Yes	design, dimensions and weights	
height 59 mm depth 35.6 mm net weight 10 g ambient conditions ambient temperature	type of cable outlet	90 degree cable outlet
depth net weight 10 g ambient conditions ambient temperature	width	15.8 mm
net weight ambient conditions ambient temperature • during operation • during storage • 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	height	59 mm
ambient conditions ambient temperature • during operation • during storage • during transport • during transport -40 +70 °C • during transport product features, product functions, product components / general product feature • silicon-free PG connection socket • strain relief standards, specifications, approvals	depth	35.6 mm
ambient temperature • during operation -25 +60 °C • during storage -40 +70 °C • during transport -40 +70 °C product features, product functions, product components / general product feature • silicon-free PG connection socket • strain relief strandards, specifications, approvals	net weight	10 g
 during operation during storage during transport during transport 40 +70 °C during transport product features, product functions, product components / general product feature silicon-free Yes product component PG connection socket strain relief Yes standards, specifications, approvals 	ambient conditions	
 during storage during transport during transport 40 +70 °C product features, product functions, product components / general product feature silicon-free Yes product component PG connection socket strain relief Yes standards, specifications, approvals 	ambient temperature	
• during transport • during transport • during transport • during transport • during transport • during transport • during transport • product features, product components / general • silicon-free • silicon-free • product component • PG connection socket • strain relief • strain relief • yes standards, specifications, approvals	 during operation 	-25 +60 °C
product features, product functions, product components / general product feature	during storage	-40 +70 °C
product feature • silicon-free product component • PG connection socket • strain relief * Yes * standards, specifications, approvals	 during transport 	-40 +70 °C
silicon-free product component PG connection socket strain relief standards, specifications, approvals Yes Yes Yes	product features, product functions, product components / general	
product component • PG connection socket • strain relief * yes standards, specifications, approvals	product feature	
PG connection socket strain relief Yes standards, specifications, approvals	• silicon-free	Yes
• strain relief Yes standards, specifications, approvals	product component	
standards, specifications, approvals	 PG connection socket 	Yes
	strain relief	Yes
certificate of suitability	standards, specifications, approvals	
	certificate of suitability	

• RoHS conformity

• UL approval

Yes Yes

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