SIEMENS

Data sheet 6GT2002-1JD00

product type designation



Connection block for RF18xC, M12, 7/8" 5-pin

- - spare part - - RFID PROFINET/Ethernet connection block, M12, 7/8 5-pole for RF180C, RF182C.

suitability for operation	Connection block for RF180C, RF182C, RFID 181EIP
transfer rate	
transfer rate / for Industrial Ethernet	10 ... 100 Mbit/s
interfaces	
type of electrical connection	
● of Industrial Ethernet interface	M12, d-coded
● for supply voltage	7/8" 5-pin
mechanical data	
material	Die-cast zinc
color	silver
tightening torque / of the screw for securing the equipment / maximum	1.3 N·m
supply voltage, current consumption, power loss	
supply voltage / at DC	
● rated value	24 V
●	20 ... 30 V
continuous current / for loop-through to further bus nodes / at DC / maximum	8 A
ambient conditions	
ambient temperature	
● during operation	0 ... 60 °C
● during storage	-40 ... +70 °C
● during transport	-40 ... +70 °C
protection class IP	IP67
shock resistance	According to IEC 61131-2
shock acceleration	300 m/s²
vibrational acceleration	100 m/s²
design, dimensions and weights	
width	60 mm
height	24 mm
depth	79 mm
net weight	0.23 kg
fastening method	4 screws included
product features, product functions, product components / general	
display version	4 LEDs for Ethernet status
standards, specifications, approvals	
certificate of suitability	CE, FCC, cULus
MTBF	1100 a
further information / internet links	

Subject to change without notice
© Copyright Siemens

internet link	
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

security information

security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval

Declaration of Conformity	EG-Konf.	CCC	UL	Miscellaneous	RCM

EMV	Environment
KC	Confirmation

last modified: 2/18/2025

Subject to change without notice
© Copyright Siemens