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Data sheet 6GT2002-0JD10

product type designation	**RF182C communication module**
	********** spare part ********* RFID communication module RF182C for Ethernet TCP/IP; 2 readers can be connected; without connection block for Ethernet TCP/IP.



suitability for operation	Industrial Ethernet Netzwerk together with RF200/300/600, MOBY D/U
transfer rate	
transfer rate / for Industrial Ethernet	10 ... 100 Mbit/s
transfer rate / at the point-to-point connection / serial / maximum	115.2 kbit/s
interfaces	
design of the interface / for point-to-point connection	RS422
number of readers / connectable	2
type of electrical connection	
● of Industrial Ethernet interface	(according to the connection block)
● for supply voltage	(according to the connection block)
design of the interface / to the reader / for communication	M12, 8-pin
mechanical data	
material	Thermoplastic (Valox 467, fiberglass reinforced)
color	IP Basic 714
tightening torque / of the screw for securing the equipment / maximum	3 N·m
supply voltage, current consumption, power loss	
supply voltage	
● at DC / rated value	24 V
● at DC	20 ... 30 V
● consumed current / at DC / at 24 V / without connected devices / typical	0.1 A
● Consumed current / from supply voltage 1L+ / maximum	1.1 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	30 mm
depth	210 mm
net weight	0.21 kg
fastening method	2 x M5 screws

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wire length / for RS 422 interface / maximum	1000 m
product features, product functions, product components / general	
display version	4 LEDs per reader connection, 4 LEDs for device status
protocol / is supported / Media Redundancy Protocol (MRP)	No
product function / addressable transponder file handler	No
protocol / is supported	
● LLDP	No
● PROFINET IO protocol	No
● TCP/IP	Yes
● SNMP v1	Yes
● SNMP v2	No
● SNMP v3	No
● DCP	Yes
● EtherNet/IP protocol	No
● OPC UA	No
product functions / management, configuration, engineering	
type of parameterization	XML
type of programming	XML commands
type of computer-switched communication	XML
standards, specifications, approvals	
certificate of suitability	CE, FCC, cULus
certificate of suitability	
● IECEx	No
MTBF	121 a
accessories	
accessories	Connection block M12 d-coded, 7/8" 5-pin or push-pull or M12 d-coded, 7/8" 4-pin
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● to website: Industry Mall	https://mall.industry.siemens.com
● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
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