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Data sheet   **6GT2002-0HD01**

product type designation	RF170C communication module

RFID communication module RF170C for Installation in ET 200pro; basic module for connection of 2 readers; with RS422 or RS232 without connection block.

suitability for operation	ET 200pro distributed I/O together with RF200/300/1000, MV300/400/500, MOBY D/E/I/U and RS-232 devices
transfer rate	
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/RS232 via connection block
number of readers / connectable	2
type of electrical connection	
● of the backplane bus	ET 200pro backplane bus
● of the PROFIBUS interface	(according to the head module)
● of Industrial Ethernet interface	(according to the head module)
● for supply voltage	ET 200pro backplane bus
design of the interface / to the reader / for communication	Internal plug to the connection block
mechanical data	
material	Thermoplastic (Valox 467, fiberglass reinforced)
color	IP Basic 714
tightening torque / of the screw for securing the equipment / maximum	1.5 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	0.13 A
● with connected devices / maximum	1 A
ambient conditions	
ambient temperature	
● during operation	-25 ... +55 °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	90 mm
height	130 mm

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depth	35 mm
net weight	0.27 kg
fastening method	ET 200pro rack
wire length / for RS 422 interface / maximum	1000 m
product features, product functions, product components / general	
display version	(see connection block)
product function / addressable transponder file handler	No
protocol / is supported	
● S7 communication	Yes
product functions / management, configuration, engineering	
type of parameterization	HSP
type of programming	FB 45, FB 55, ID profile, library with functions, (FC 45/55 with restricted functionality)
type of computer-switched communication	acyclic communication
standards, specifications, approvals	
certificate of suitability	CE, FCC, cULus
MTBF	77 y
accessories	
accessories	Connection block for RF170C
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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