

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



Transfer rate

Transfer rate / at the point-to-point connection / serial / maximum	115.2 kbit/s
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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 • of the PROFIBUS interface • of Industrial Ethernet interface • for supply voltage	ET 200pro backplane bus (according to the head module) (according to the head module) 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/s ²
Vibrational acceleration	100 m/s ²
Width	90 mm
Height	130 mm
Depth	35 mm
Net weight	0.27 kg
Mounting type	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 / transponder file handler can be addressed	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-mediated communication	acyclic communication

Standards, specifications, approvals

Certificate of suitability	CE, FCC, cULus
MTBF	77 y

accessories

accessories	Connection block for RF170C
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Further information / Internet-Links

Internet-Link	
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- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<https://support.industry.siemens.com/cs/ww/en/view/67384964>

<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

Security information

Security information

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