

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
Interfaces	
Design of the interface / for point-to-point connection	RS422/RS232 via connection block
Number of readers / connectable	2
Type of electrical connection	<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • at DC / Rated value • at DC 	24 V 20 ... 30 V
Consumed current / at DC / at 24 V	
<ul style="list-style-type: none"> • without connected devices / typical • with connected devices / maximum 	0.13 A 1 A
Ambient conditions	
Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage • during transport 	-25 ... +55 °C -40 ... +70 °C -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
Design, dimensions and weights	
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	
<ul style="list-style-type: none"> • 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
Further information / Internet-Links	

Internet-Link

- 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

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