

Product type designation	Connection block for RF18xC, M12, 7/8" 5-pin RFID PROFINET- / ETHERNET- CONNECTING BLOCK M12, 7/8" 5-POLE FOR RF180C, RF182C
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Suitability for operation	Connection block for RF180C, RF182C, RFID 181EIP
Transmission 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
• at DC	20 ... 30 V

Continuous current / for loop-through to further bus nodes / at DC / maximum	8 A
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Permitted 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/s ²
Vibrational acceleration	100 m/s ²

Design, dimensions and weight

Width	60 mm
Height	24 mm
Depth	79 mm
Net weight	0.23 kg
Mounting type	4 screws included

Product properties, functions, components / general

Display version	4 LEDs for Ethernet status
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Standards, specifications, approvals

Certificate of suitability	CE, FCC, cULus
MTBF	1100 y

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• 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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