

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



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	
<ul style="list-style-type: none"> • of Industrial Ethernet interface • for supply voltage 	<p>M12, d-coded</p> <p>7/8" 5-pin</p>
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	
<ul style="list-style-type: none"> • at DC / Rated value • at DC 	<p>24 V</p> <p>20 ... 30 V</p>

Continuous current / for loop-through to further bus nodes / at DC / maximum	8 A
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Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation 	0 ... 60 °C
<ul style="list-style-type: none"> during storage 	-40 ... +70 °C
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> to website: Industry Mall 	https://mall.industry.siemens.com
<ul style="list-style-type: none"> to website: Information and Download Center 	http://www.siemens.com/industry/infocenter
<ul style="list-style-type: none"> to website: Image database 	http://automation.siemens.com/bilddb
<ul style="list-style-type: none"> to website: CAx Download Manager 	http://www.siemens.com/cax
<ul style="list-style-type: none"> to website: Industry Online Support 	https://support.industry.siemens.com

Security information

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