



RFID Communication Module RF128C for PROFINET, EtherNet/IP and Ethernet 4 readers can be connected

Technical Product Detail Page	https://i.siemens.com/1P6GT2002-0LE40
suitability for operation	IE / PN network together with RF200/300
transfer rate	
transfer rate / for Industrial Ethernet	100 Mbit/s
transfer rate / at the point-to-point connection / serial / maximum	921.6 kbit/s
interfaces	
design of the interface / for point-to-point connection	RS422
number of readers / connectable	4
type of electrical connection	
• of Industrial Ethernet interface	RJ45
• for supply voltage	Screw terminals
design of the interface / to the reader / for communication	M12, 8-pin
number of digital inputs	0
number of digital outputs	0
mechanical data	
material	Lupoy SP2101FW
color	Ti-Grey E3731
tightening torque / of the screw for securing the equipment / maximum	1.2 N·m
supply voltage, current consumption, power loss	
supply voltage / at DC	
• rated value	24 V
•	20.4 ... 28.8 V
consumed current	
• at DC / at 24 V / without connected devices / typical	0.13 A
• from supply voltage 1L+ / maximum	0.8 A
ambient conditions	
ambient temperature	
• during operation	0 ... 55 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
protection class IP	IP20
shock resistance	according to IEC 60068-2-27 and IEC 60068-2-6
shock acceleration	150 m/s ²
vibrational acceleration	10 m/s ²
design, dimensions and weights	
width	30 mm
height	125 mm
depth	80 mm

net weight	0.16 kg
fastening method	DIN-rail mounting and wall mounting via 2 screws
wire length / for RS 422 interface / maximum	700 m
product features, product functions, product components / general	
display version	2 LEDs per reader connection, 3 LEDs for device status, 1 LED for Ethernet port
product function / of the PROFINET IO device / is supported / H-Sync forwarding	No
product function / addressable transponder file handler	No
protocol / is supported	
• PROFINET IO protocol	Yes
• TCP/IP	Yes
• SNMP v1	Yes
• SNMP v2	No
• SNMP v3	Yes
• DCP	Yes
• EtherNet/IP protocol	Yes
• OPC UA	No
product feature / silicon-free	Yes
product functions / management, configuration, engineering	
type of parameterization	HSP, GSDML, EDS, TO, WBM
type of programming	Ident profile, library with functions, XML
type of computer-switched communication	acyclic communication, communication via process image, TCP/IP
standards, specifications, approvals	
certificate of suitability	CE, UKCA
certificate of suitability	
• IECEx	No
MTBF	70 a
product function / is supported / identification link	Yes; acc. to IEC 61406-1:2022
standards, specifications, approvals / Environmental Product Declaration	
Environmental Product Declaration	Yes
global warming potential [CO2 eq]	
• total	101.43 kg
• during manufacturing	16 kg
• during operation	85.3 kg
• after end of life	0.13 kg
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to web page: identification and localization systems	https://www.siemens.com/ident
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAx-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
security information	
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Approvals / Certificates

General Product Approval

Environment



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