Technical data

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Table 11-1 RF128C technical specifications

	6GT2002-0LE40
Product type designation	SIMATIC RF128C
Ethernet interface	
Connection type	PROFINET, EtherNet/IP, XML
Physical medium	Ethernet over 8-wire cable
Operating mode	100BaseX full duplex
Transmission speed	100 Mbps
Connector	RJ45, 8-pin
Max. cable length	100 m
Cable type	STP Cat 5
Autonegotation	Yes
Autocrossing	Yes
PROFINET	Yes
Vendor ID	0x002A
Device ID	0x0C0B
Reader interface	
Connector	M12 coupler plugs, 8-pin, A-coded
Connectable readers	4x reader
Transmission speed	RS422: 19.2 ... 921.6 Kbaud [1]
Max. cable length	• 700 m (at 115.2 Kbaud) • < 100 m (at 921.6 Kbaud) dependent on reader (preassembled cables 2 ... 50 m; for other standard cables and user-assembled cables, refer to the section "Connecting cables")
Electrical data	
Supply voltage [2] [3]	
• Rated value	• 24 V DC
• Permitted range	• 20.4 to 28.8 V DC
Current consumption without reader	Typ. 130 mA
Current draw via reader interfaces	Max. 800 mA, at 20.4 to 28.8 V DC
Mechanical data	