SIEMENS

Product data sheet 6GT2002-0EF00

Product-type designation	RF160C communication module
	RFID COMMUNICATION MODULE RF160C FOR PROFIBUS DP-V0; 2 READERS CAN BE CONNECTED; WITHOUT CONNECTOR BLOCK FOR PROFIBUS
Transmission rate	
Transmission rate	
• with PROFIBUS	9.6 kbit/s … 12 Mbit/s
• at point-to-point connection / serial / maximum	115.2 kbit/s
Interfaces	
Design of interface / for point-to-point connection	RS422
Number of readers / connectable	2
Design of electrical connection	
• of the PROFIBUS interface	(according to the connection block)
• for supply voltage	(according to the connection block)
Version of the interface / to the reader / for communication	M12, 8-pin
Mechanical data	
Material	Thermoplastic (Valox 467, fiberglass reinforced)
Color	IP Basic 714
Tightening torque / of screw for mounting the equipment / maximum	3 N·m
Supply voltage, current consumption, power loss	
Supply voltage / for DC	
• rated value	24 V
• minimum	20 V
• maximum	30 V

Current consumed	
• at 24 V / with DC / without connected devices / typical	0.08 A
• with DC / at 24 V / with connected devices / maximum	0.8 A
Permitted ambient conditions	
Ambient temperature	
• during operating	0 … 55 °C
• during storage	-40 … +70 °C
• during transport	-40 … +70 °C
Resistance against shock	According to IEC 61131-2
Resistance against shock	300 m/s²
Resistance against vibration	100 m/s²
Design, dimensions and weight	
Width	60 mm
Height	30 mm
Depth	210 mm
Net weight	0.21 kg
Mounting type	2 x M5 screws
Cable length / for RS 422 interface / maximum	1000 m
Product properties, functions, components / general	
Type of display	4 LEDs per reader connection, 4 LEDs for device status
Product function	
• transponder file handler can be addressed	No
Protocol / is supported	
• PROFIBUS DP-V0 protocol	Yes
• PROFIBUS DP-V1 protocol	No
Product functions / management, configuration	
Type of parameterization	GSD
Type of programming	FC 44
Type of computer-mediated communication	Cyclic communication
Standards, specifications, approvals	
Verification of suitability	CE, FCC, cULus
MTBF	122 a
Accessories	
Accessories	Connection block for ECOFAST system or M12, 7/8"

letzte Änderung: Jul 14, 2014