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Data sheet   **6GT2002-0ED00**

product type designation	ASM 456 communication module
	********** spare part ********** MOBY communications module ASM456 for PROFIBUS DP-V1; 2 read-write devices can be connected; without connection block for PROFIBUS.

suitability for operation	PROFIBUS network according to DP-V1 together with RF200/300/600, MV400/500, MOBY D/E/I/U
transfer rate	
transfer rate / with PROFIBUS	9.6 kbit/s ... 12 Mbit/s
transfer rate / at the point-to-point connection / serial / maximum	115.2 kbit/s
interfaces	
design of the interface / for point-to-point connection	RS422
number of readers / connectable	2
type of electrical connection	
● of the PROFIBUS interface	(according to the connection block)
● for supply voltage	(according to the connection block)
design 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 the screw for securing the equipment / maximum	3 N·m
supply voltage, current consumption, power loss	
supply voltage	
● at DC / rated value	24 V
● at DC	20 ... 30 V
● consumed current / at DC / at 24 V / without connected devices / typical	0.08 A
● Consumed current / from supply voltage 1L+ / maximum	0.85 A
ambient conditions	
ambient temperature	
● during operation	0 ... 55 °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/s²
vibrational acceleration	100 m/s²
design, dimensions and weights	
width	60 mm
height	30 mm
depth	210 mm
net weight	0.21 kg
fastening method	2 x M5 screws

wire length / for RS 422 interface / maximum	1000 m
product features, product functions, product components / general	
display version	4 LEDs per reader connection, 4 LEDs for device status
product function / addressable transponder file handler	Yes
protocol / is supported	
● PROFIBUS DP-V0 protocol	No
● PROFIBUS DP-V1 protocol	Yes
product functions / management, configuration, engineering	
type of parameterization	GSD
type of programming	FB 45, FB 55, FC 56, ID profile, library with functions, (FC 45/55 with restricted functionality)
type of computer-switched communication	acyclic communication
standards, specifications, approvals	
certificate of suitability	CE, FCC, cULus
MTBF	122 a
accessories	
accessories	Connection block for ECOFAST system or M12, 7/8"
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● 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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