SIEMENS

Data sheet 6GT2602-0AB10-0AX0

product type designation	**SLG D12S reader**
	- - spare part - - MOBY D read/write device special variant SLG D12S with serial interface RS 422 for connection to ASM; power supply via ASM; data/power supply 8-pole plug M12; with integrated antenna; the following ASM-dependent connection cables are to be used: 6GT2891-0Exxx; 6GT2891-1Cxxx; 6GT2891-0Fxx.



Figure similar

suitability for operation	ISO 15693 Transponder (MDS Dxxx), for connecting to communication modules
radio frequencies	
operating frequency / rated value	13.56 MHz
range / maximum	220 mm; Range is dependent on transponder type: observe http://support.automation.siemens.com/WW/view/en/67384964
protocol / with radio transmission	ISO 15693, ISO 18000-3
transfer rate / with radio transmission / maximum	26.5 kbit/s
product feature / multitag-capable	No
electrical data	
transfer rate / at the point-to-point connection / serial / maximum	19.2 kbit/s
transmission time / for user data	
● for write access / per byte / typical	2.5 ms
● for read access / per byte / typical	2.5 ms
interfaces	
standard for interfaces / for communication	RS422
type of electrical connection	M12, 8-pin
mechanical data	
material	PA 12
color	anthracite
tightening torque / of the screw for securing the equipment / maximum	2 N·m
mounting distance / relating to metal surfaces / recommended / minimum	0 mm
supply voltage, current consumption, power loss	
supply voltage / at DC	
● rated value	24 V
●	20 ... 30 V
consumed current / at DC	
● at 24 V / typical	0.15 A
● at 24 V / maximum	0.6 A
ambient conditions	
ambient temperature	
● during operation	-25 ... +55 °C
● during storage	-25 ... +70 °C
● during transport	-25 ... +70 °C
protection class IP	IP65
shock resistance	EN 60721-3-7 Class 7 M2
shock acceleration	300 m/s²

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vibrational acceleration	15 m/s²
design, dimensions and weights	
width	80 mm
height	40 mm
depth	160 mm
net weight	0.23 kg
fastening method	2 x M5 screws
wire length	
● for RS 422 interface / maximum	300 m
product features, product functions, product components / general	
display version	-
standards, specifications, approvals	
certificate of suitability	CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers
certificate of suitability	
● IECEx	No
MTBF	23 a
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● 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

Approvals / Certificates

General Product Approval	EMV	Environment
 	Miscellaneous	KC	Confirmation

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