

### Product type designation

### SLG D12S reader

MOBY D READ-/WRITE UNIT SPECIAL VERSION SLG D12S WITH SERIAL RS 422 INTERFACE FOR CONNECTION TO ASM; POWER SUPPLY VIA ASM; DATA / POWER SUPPLY 8-POLE M12 CONNECTOR; WITH INTEGRATED ANTENNA; USE THE FOLLOWING CONNECTING CABLES DEPENDING ON ASM: 6GT2891-0EXXX;6GT2891-1CXXX; 6GT2891-0FXXX



Figure similar

Suitability for operation	ISO 15693 Transponder (MDS Dxxx), for connecting to communication modules
<b>Wireless frequencies</b>	
Operating frequency / Rated value	13.56 MHz
<b>Electrical data</b>	
Range / maximum	220 mm; Range is dependent on transponder type: observe <a href="http://support.automation.siemens.com/WW/view/en/67384964">http://support.automation.siemens.com/WW/view/en/67384964</a>
Protocol / with radio transmission	ISO 15693, ISO 18000-3
Transfer rate / with radio transmission / maximum	26.5 kbit/s
Product feature / multitag-capable	No
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
<b>Interfaces</b>	

Standard for interfaces / for communication	RS422
Type of electrical connection	M12, 8-pin
<b>Mechanical data</b>	
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
<b>Supply voltage, current consumption, power loss</b>	
Supply voltage	
• at DC / Rated value	24 V
• at DC	20 ... 30 V
Consumed current / at DC / at 24 V	
• typical	0.15 A
• maximum	0.6 A
<b>Permitted ambient conditions</b>	
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/s <sup>2</sup>
Vibrational acceleration	15 m/s <sup>2</sup>
<b>Design, dimensions and weight</b>	
Width	80 mm
Height	40 mm
Depth	160 mm
Net weight	0.23 kg
Mounting type	2 x M5 screws
Wire length	
• for RS 422 interface / maximum	300 m
<b>Product properties, functions, components / general</b>	
Display version	-
<b>Standards, specifications, approvals</b>	
Certificate of suitability	CE, FCC, IC (Canada), UL 60950, safe for cardiac pacemakers
MTBF	23 y
<b>Further Information / Internet Links</b>	
Internet-Link	

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

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<http://www.siemens.com/ident/rfid>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

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