

SLG I 2

Compact 125 kHz stationary reader with integrated antenna!



Product description:

- Compact & cost-effective stationary reader unit
- Can be integrated in an industrial field bus network
- Read out most PSK and ASK transponders
- Reader is perfectly suited for integration in completely automated production lines, because of its small dimensions
- Housing contains one of three standard antennas – external antennas are available
- Profibus (PFB) or RS232 communication interface
- Other interfaces are optional available

<u>Technical specification</u>	
Weight:	ca. 170 g
Dimension (L x B x H):	90 mm x 58 mm x 38 mm
Material:	PA6, ABS
Reading systems:	TROVAN, ISO FDX-B, ASK r/o – r/w, PSK 1
Operational frequency:	125 kHz
Interface:	- RS 232, Bluetooth (opt.), USB (opt.) - Profibus DP up to 12 Mbit/s
Options:	- Digital Input, Digital Output (incl. Relay switch) - Internal or external air core coil or ferrite coil
Software:	Easy serial ASCII based control protocol
Power supply:	9V ... 30V
Antenna:	Internal or external air core or ferrite coil
Reader range:	According to transponder type up to 80 mm (with internal antenna)
Storage temperature:	-20°C up to +70°C
Operating temperature:	-20°C up to +70°C
Housing protection class:	IP 65
Mounting:	2 mounting bracelets or optionally mounting on top hat rail

Order number	<u>Versions of SLG I2</u>			Antenna
	Name	Interface	Chip-Type	
E4001.000031	SLG I2 125 kHz	RS232	Manchester	internal air core
E4001.000032	SLG I2 125 kHz	RS232	Hitag 1	internal air core
E4001.000033	SLG I2 125 kHz	RS232	Hitag 2	internal air core
E4001.000034	SLG I2 125 kHz	RS232	P4150	internal air core
E4001.000035	SLG I2 125 kHz	PFB	TROVAN	internal air core
E4001.000036	SLG I2 125 kHz	PFB	Manchester	internal air core
E4001.000037	SLG I2 125 kHz	PFB	Hitag 1	internal air core
E4001.000038	SLG I2 125 kHz	PFB	Hitag 2	internal air core
E4001.000039	SLG I2 125 kHz	PFB	P4150	internal air core
E4001.000040	SLG I2 125 kHz	RS232	TROVAN	internal ferrite coil
E4001.000041	SLG I2 125 kHz	RS232	Manchester	internal ferrite coil
E4001.000042	SLG I2 125 kHz	RS232	Hitag 1	internal ferrite coil
E4001.000043	SLG I2 125 kHz	RS232	Hitag 2	internal ferrite coil
E4001.000044	SLG I2 125 kHz	RS232	P4150	internal ferrite coil
E4001.000045	SLG I2 125 kHz	PFB	P4150	internal ferrite coil
E4001.000046	SLG I2 125 kHz	PFB	TROVAN	internal ferrite coil
E4001.000047	SLG I2 125 kHz	PFB	Manchester	internal ferrite coil
E4001.000048	SLG I2 125 kHz	PFB	Hitag 1	internal ferrite coil
E4001.000049	SLG I2 125 kHz	PFB	Hitag 2	internal ferrite coil
E4001.000050	SLG I2 125 kHz	RS232	TROVAN	external antenna
E4001.000051	SLG I2 125 kHz	RS232	Manchester	external antenna
E4001.000052	SLG I2 125 kHz	RS232	Hitag 1	external antenna
E4001.000053	SLG I2 125 kHz	RS232	Hitag 2	external antenna
E4001.000054	SLG I2 125 kHz	RS232	P4150	external antenna
E4001.000055	SLG I2 125 kHz	PFB	TROVAN	external antenna
E4001.000056	SLG I2 125 kHz	PFB	Manchester	external antenna
E4001.000057	SLG I2 125 kHz	PFB	Hitag 1	external antenna
E4001.000058	SLG I2 125 kHz	PFB	Hitag 2	external antenna
E4001.000059	SLG I2 125 kHz	PFB	P4150	external antenna