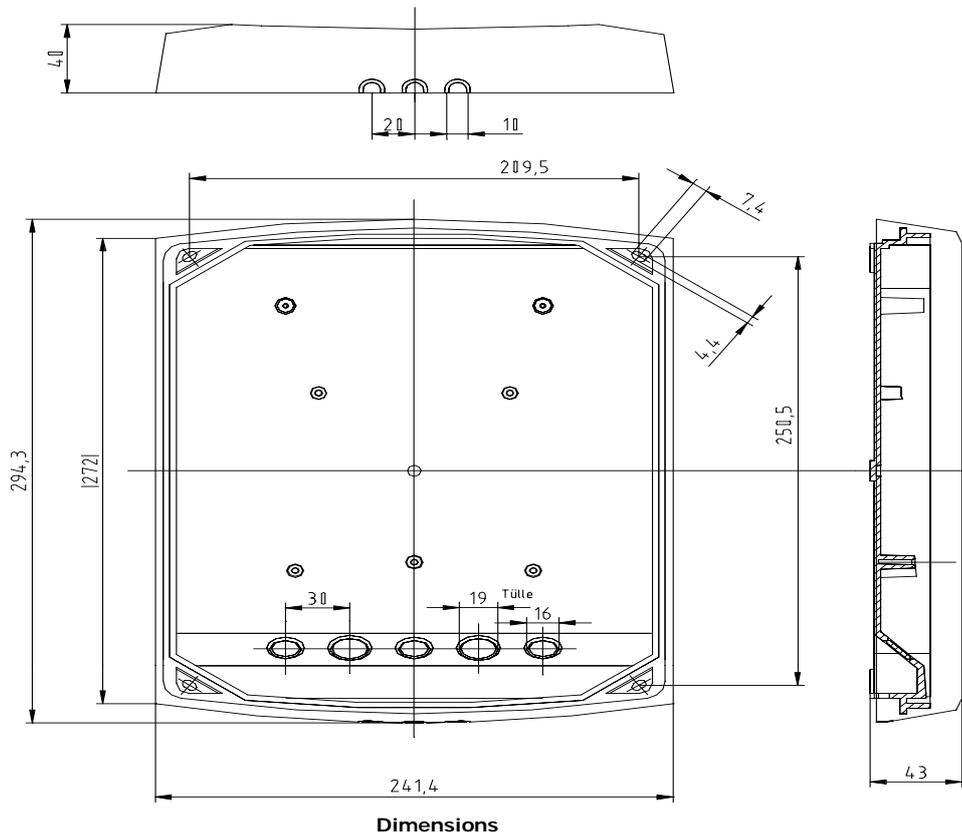**Assion Electronic**

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SLG FRE 1200

125 kHz Mid Range Reader

Product description:

- Multi-tag mid range reader for identification of 125 kHz transponders for typical applications like identification of persons, access control, time registration etc.

- Reader SLG FRE 1200 has an integrated antenna and enables reading ranges of up to 35 cm

- It is equipped either with a RS232- and a data/clock interface, which can be operated in Wiegand- or magnet card emulation, or with RS485 interface that allows maximum 32 devices per data bus.

- The emulation modes of the data/clock interface make it easy to change from standard identification readers to the stationary reader type SLG FRE 1200.

- This reader can be easily adapted to the respective application by a software configuration.

Dimensions

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Technical specification:	
Dimensions (WxHxD):	296 x 243 x 40 mm
Colour:	Similar to RAL 9002 (grey white)
Weight:	Approx. 1,2 kg
Protection class:	IP 54
Operating frequency:	125 kHz
Power supply:	12-24 V AC/DC
Power consumption:	Max. 5 W
Supported transponders:	- ID CTx.A (Read-Only) - ID DTx.B (Read-Write) - ID DTx.C (Read-Write) - EM, HITAG 1/2/S etc.
Signal transmitter:	- 1 x bicolor LED (red, green, orange) - 1 x beeper
Semiconductor relay:	1 x open contact (loading capacity of contact: 24V AC/DC 1,5 A; "miniature fuse TR 5 (T 1,6 A)")
Digital inputs:	2 x configurable (max. feeding-wire length of 3 meters)
Antenna:	Integrated
Reading range:	Up to 35 cm with ISO transponder card (depending on size and quality factor of the antenna used within the tag)
Interfaces:	- 1 x RS232 and 1 x data/clock interface (Wiegand emulation or magnet card emulation) or - 1x RS485 (max. 32 devices per data bus)
Address configuration for interface:	4-pole DIP-switch (16 addresses) or 254 addresses per software adjustable
Temperature range:	- Operation: -25°C up to +70°C - Storage: -25°C up to + 70°C
Relative air humidity:	95% (non condensing)
EEPROM:	10.000 writing cycles
Order number:	**E4001.000.103** SLG FRE 1200 - RS232 Interface