

# SG1 sliding gate operator

The ideal operator for retrofitting of sliding gates running on a rail or hard moving gates

## ► full automatic force adjustment

- optimised obstacle detection for use under adverse conditions
- 24 V DC-operator with regulated soft-run without force loss
- simple and quick installation due to patented installation ring for the adjustment of the gear rack
- service-friendly, easy manual operation
- energy saving toroidal core transformer
- non-contact magnetic limit switches define the travel length (Reed contacts)
- individual adjustment of the operator to the gate by TorMinal programming tool
- applicable for sliding gates up to approx. 500 kg weight and with a travel length of max 6,000 mm



SG1 sliding gate operator  
(item no. 3482V000, FM 868.8 MHz)  
(item no. 3485V000, FM 434.42 MHz)

## Technical data:

gate weight	max. 500 kg
max. travel length	6,000 mm
operator principle	electromechanical sliding gate operator with high performance worm gear
self locking	high performance worm gear
power supply	AC 220 ... 240 V, 50 Hz
opening velocity	max. 20 cm/s
accident prevention	via automatic force memory with Dynamic Power System
soft-start / soft-stop	regulated soft run in ramp form without power loss

connection possibilities	1 x warning light, light barrier (photo cell), safety edge (integrated evaluation for electrical (8.2 kOhm) or optical safety edge), floating relay contact, TorMinal
automatic close function (time)	adjustable from 1-120 seconds
adjustable partial opening of gate	adjustable
operating mode	S3-40%

**Important notice:** At setting-up operation the force values have to comply with the valid standards. Optionally a safety edge has to be mounted at the leading edge of gate.

Last updated: 07/2011. Literal errors, errors and technical changes excepted.

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