

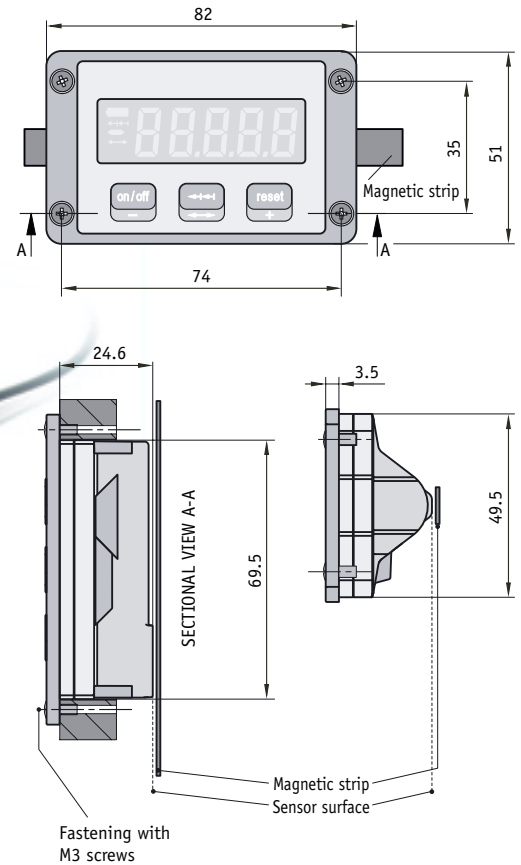
MAG^{SCALE} MA508

Self-sufficient, "electronic ruler" for direct sensing and display of positions, e.g., on stop systems. Owing to its easy integration and extremely long run time, the system provides highest flexibility to the customer.



Features:

- low-budget solution with high flexibility of use
- up to 10 years run time without battery change
- lowest-power LCD with integrated sensor
- small, compact design for perfect integration, e.g., into end stop systems
- additional design available for OEM products
- display resolution 0.1 mm



Feature	Ordering data	Technical data	Additional information
Sensor version	IS ES	A integrated sensor external sensor	standard
Sensor type	L	B rectangular design with elongated hole	only for sensor version ES
Sensor cable length	0.1	C information in meters	available in 0.2 and 0.3 m
Service life		> 10 years at 20 % duty cycle approx. 9 years at 40 % duty cycle approx. 6 years at 100 % duty cycle	at Tu 20 °C at Tu 20 °C at Tu 20 °C
Design		panel-mount housing	
Battery		internal, 3.0 V DC, lithium cell	low-batt indication on the display
Display		LCD	
Display range		-9999... +99999	
Parameter settings		non-volatile programming	via external PTM module
Sensing distance sensor/strip		max. 2 mm	
Operating elements		3 keys, membrane keyboard	duplicate assignment of keys
Resolution		max. 0.1 mm	additional resolutions programmable
Repeat accuracy		±1 digit	
Temperature ranges		operating temperature 0 °C ... +60 °C	storage temperature -20 ... +70 °C
Humidity		95 % rH, condensation not permitted	

Your ordering data: MA508 - EG - - -