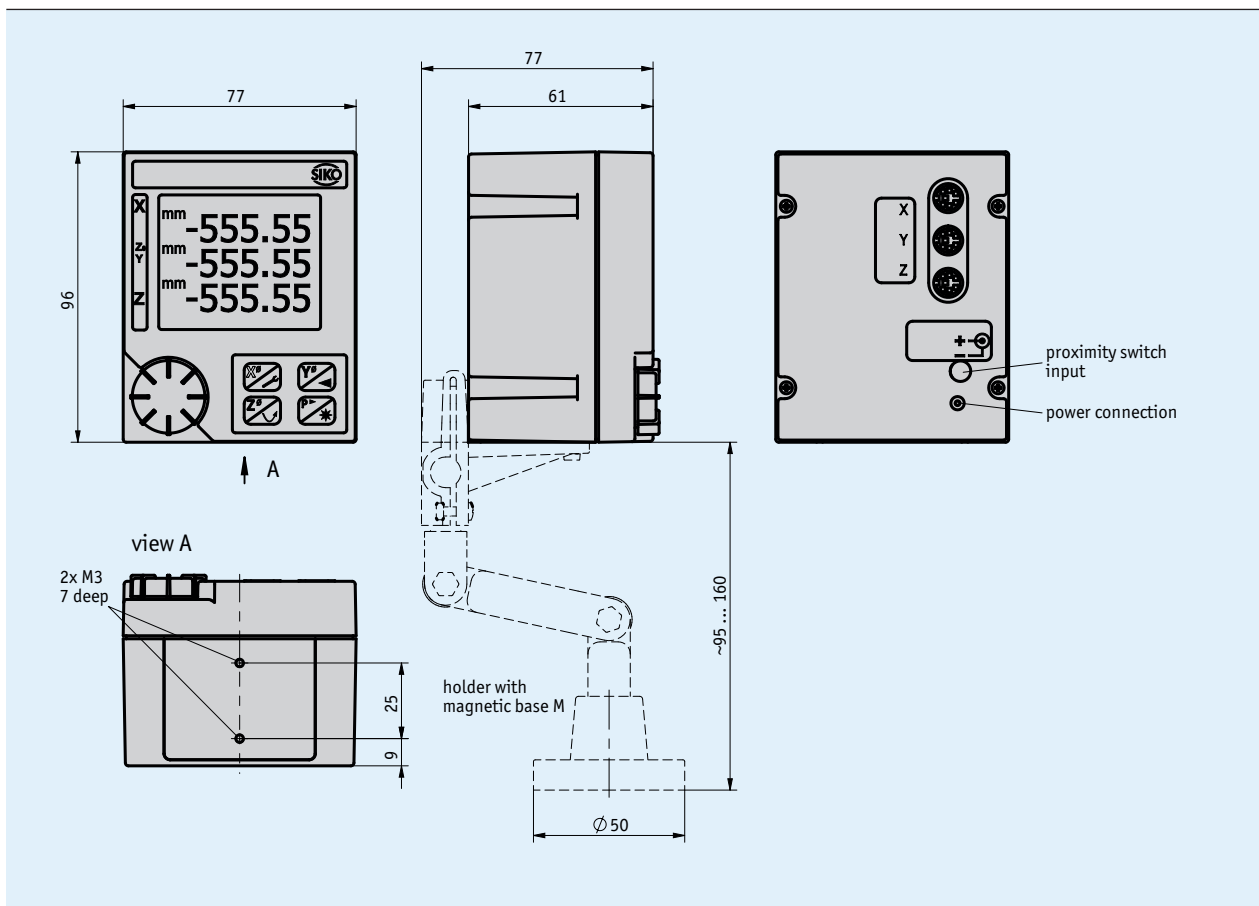


Profile

- 4-row, 7 digits and backlit LCD
- Up to three incremental measuring systems
- Parameter setting with 4 keys and dial
- Each axis is individually programmable
- Connection for pluggable magnetic sensors MS100/1 or MS500
- System accuracy up to 10 µm
- Resolution 1 µm with MS100/1
- Speed input measurement as an option
- Two accuracy classes: 0.01 mm with magnetic sensor MS100 / 1 or 0.05 mm with magnetic sensor MS500



Mechanical data

Feature	Technical data	Additional information
Housing design	plastic mounting housing	
Accuracy class	0.01 mm	MS100/1
	0.05 mm	MS500
Weight	~0.2 kg	

Electrical data

Feature	Technical data	Additional information
Operating voltage	10 ... 30 V DC	reverse polarity protected, hollow plug 4 mm/1.7 mm
	100 ... 240 V AC	wall plug transformer included in the delivery
Current consumption	~150 mA	
Inputs	PNP proximity switch	jack plug 3.5 mm, 3-pole, stereo (not included in the delivery)
	3x sensor connection	Mini-DIN plug, 6-pole, socket (for magnetic sensors MS100/1 and MS500)
Display/display range	7-digit, LCD	4 rows, white background illumination -999999 ... 9999999

System data

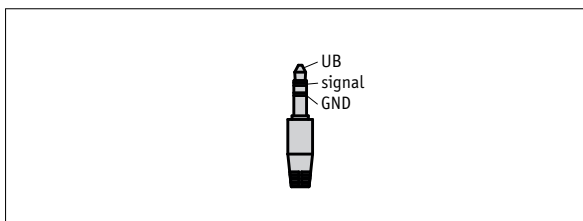
Feature	Technical data	Additional information
Resolution	0.001, 0.01, 0.1 mm	
	160 x 128 pixels	display
Travel speed	≤5 m/s	

Ambient conditions

Feature	Technical data	Additional information
Ambient temperature	0 ... 50 °C	
Storage temperature	-10 ... 60 °C	
Relative humidity	≤80 %	condensation inadmissible
EMC	EN 61000-6-2	interference resistance / immission
	EN 61000-6-4	emitted interference / emission
Protection category	IP50	EN 60529
Shock resistance	300 m/s ² , 18 ms	EN 60068-2-27
Vibration resistance	100 m/s ² , 5 ... 150 Hz	EN 60068-2-6

Pin assignment

■ Proximity switch input



Order

Ordering information

One or more system components are required:

Magnetic sensor MS100/1

www.siko-global.com

Magnetic sensor MS500

www.siko-global.com

Ordering table

Feature	Ordering data	Specification	Additional information
Speed measurement	O	without	
	M	with	
Holder	O	without	
	M	holder with magnetic base	
	H	holder without magnetic base	

Order key

MA523/1 - S - SF-86348 - -
A B

Scope of delivery: MA523/1, User information, Connector power pack 110 ... 230 V AC, Magnet foot (optional), Holder (optional)