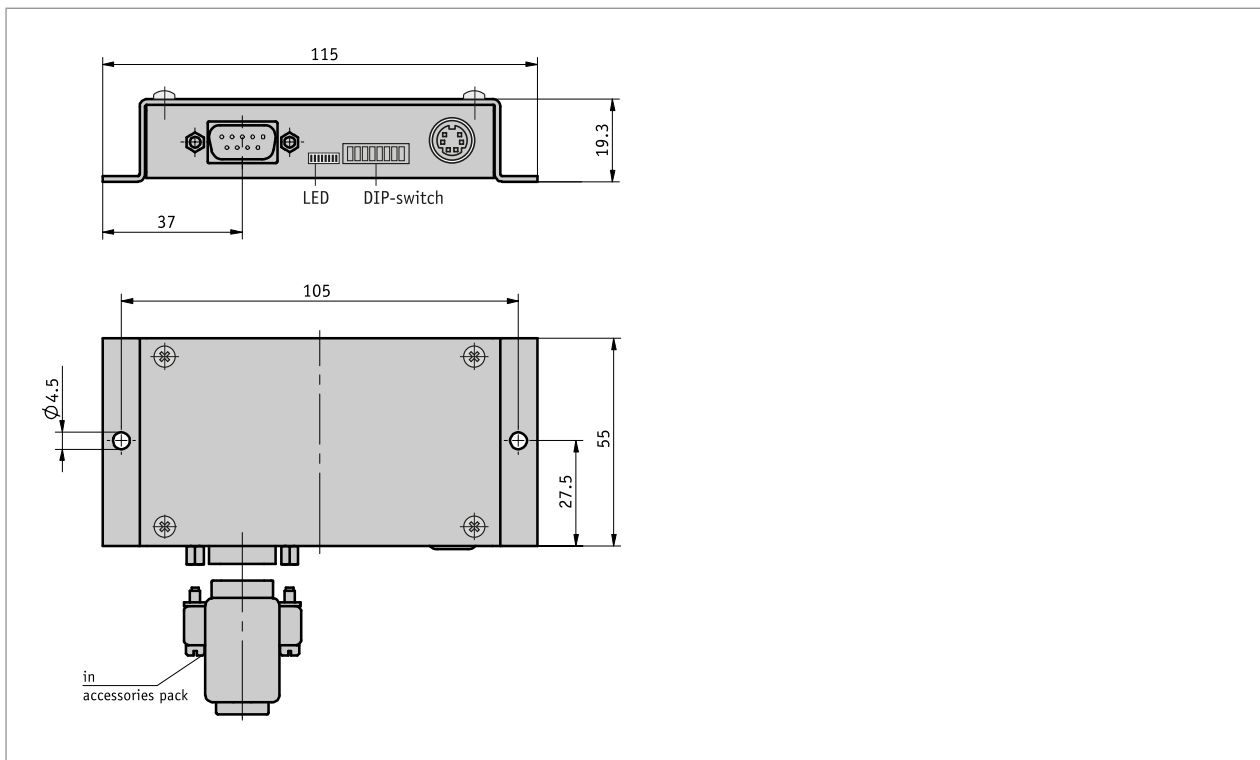


Profile

- Parameters adjustable via DIP switches
- Resolution up to 5 μm
- Reference signal with intervals of 5 mm
- Works with sensor MS500



Mechanical data

Feature	Technical data	Additional information
Housing	steel sheet	electrogalvanized

Electrical data

Feature	Technical data	Additional information
Operating voltage	24 V DC $\pm 20\%$	reverse polarity protection
	5 V DC $\pm 5\%$	no reverse polarity protection
Current consumption	70 mA	
Output circuit	PP, LD (RS422)	switchover via DIP switches
Output signals	A, /A, B, /B, 0, /0	
Real-time requirement	speed-proportional signal output	
Type of connection	D-SUB	9-pole (supply and signal output)
	mini-DIN	6-pole socket (sensor)

System data

Feature	Technical data	Additional information
Resolution	5, 10, 20, 25, 50, 100 μm	with quadruple evaluation selectable via DIP switch
System accuracy	at T _U = 20 °C ±(0.025 + 0.01 x L) mm, L in m	with MB500 and 0.05 mm accuracy class
Repeat accuracy	±1 Increment(s)	
Travel speed	≤20 m/s	sensor

Ambient conditions

Feature	Technical data	Additional information
Ambient temperature	0 ... 70 °C	
Storage temperature	-20 ... 70 °C	
Relative humidity	≤95 %	condensation inadmissible
EMC	EN 61000-6-2	interference resistance / immission
	EN 61000-6-4	emitted interference / emission
Protection category	IP40	EN 60529

pin assignment

Signal	PIN
A	1
A/	2
"GND (for output signal)"	3
B	4
B/	5
0	6
0/	7
+UB	8
GND (for supply)	9

Order

■ Ordering information

One or more system components are required:


Magnetic sensor MS500

www.siko-global.com

■ Ordering table

Feature	Ordering data	Spezifikation	Additional information
Operating voltage	A 4	24 V DC	reverse polarity protection
	5	5 V DC	no reverse polarity protection

■ Order key

AS510/1 - 



Scope of delivery:

AS510/1, User information