

Electrical data

Feature	Technical data	Additional information
Operating voltage	24 V DC \pm 20 %	
Current consumption	8 mA with 24 V DC active, <0.1 mA with 1.5 V	display switched off DC measurement system active
Interfaces/protocol	RS485 with standard protocol	
Resolution	max. 10 μ m	
Interference protection class	3	according to IEC 61000

Pin assignment

■ with common cable for interface and battery

Signal	E1
GND	black
10 ... 24 V DC/8 mA	brown
1.5 V DC	red
Supply backup	
Data GND	orange
Interface RS485	
Data B	yellow
Interface RS485-DÜB	
Data A	green
Interface RS485-DÜA	

■ with separate cable for interface and battery

Signal	E1	Battery cable
10...24 V DC/8 mA	white	
Data GND	brown	
Data B	yellow	
Data A	green	
GND		black
1.5 V DC		red
24 V DC		
B		
A		
N.C.		

Order

Order table

Feature	Order data	Specifications	Additional information
Sensor cable length	... A	0.3 ... 2 m in steps of 0.1 m	
Data/mains cable length	... B	0.1 ... 2 m in steps of 0.1 m	
Battery cable length	... C	0.2 ... 2 m in steps of 0.1 m	
Interface/protocol	S3/00	RS485 with standard protocol	
	S3/06	RS485/SIKONETZ-3	
	XX/XX	without	
Battery holder	MB	with	provided in the accessories pack
	OB	without	

Order code

MA501 - EG10 - 4 - L - A - E1 - B - C - L - D - S - SF-82990 - E

Scope of delivery: MA501 with sensor, User information, Allen fastening screws M3 x 14 mm ISO 4762, lock washers M3 DIN 7980, strain relief for sensor cable, distance gage 0.8 mm

Additional information:

Short Description, Technical Details
Product Overview

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