



## ELECTRICAL DATA

Relative repeat accuracy	2 µm
Residual ripple	10 %
Reverse polarity protection	Yes
Scanning function	Light-/dark-on mode
Setting procedure	Parameterization
Short-circuit-proof	Yes
Switching frequency	400 Hz
Transmitting power	0.04 W
Type of analog output	0 V ... 10 V
Type of communication interface	Connector M5
Type of communication interface, transmitter + receiver	Connector M9
Type of electrical connection	Connector M9
Type of input voltage	DC
Type of plug-in contact, communication interface	Female (socket)
Type of plug-in contact, communication interface	Female (socket)
Type of switching output	PNP/NPN
Voltage type	DC
With communication interface, RS-232	Yes
With LED display	Yes
With time function	No

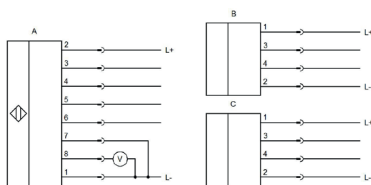
## OPTICAL DATA

Filter	Interference filter
Light beam form	Line
Light source	Laser diode, red light
Line sensor	Yes
Resolution	2 µm
Wavelength of the sensor	670 nm

## OTHER DATA

Scope of delivery of the one-way system	Receiver
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## CONNECTION



**Colors:** A: M9: 1 = WH (white), 2 = BN (brown), 3 = GN (green), 4 = YE (yellow), 5 = GY (gray), 6 = PK (pink), 7 = BU (blue), 8 = RD (red)

**Functions:** A: M9: 1 = L-, 2 = L+, 3 = in 0 (ext. trigger), 4 = in 1 (teach/reset), 5 = out 0, 6 = out 1, 7 = L-, 8 = 0-10V

B: M5: 1 = L+, 2 = L-, 3 = RxD, 4 = TxD

C: M8: 1 = L+, 2 = L-, 3 = I-Control, 4 = n. c.

## DIMENSIONAL DRAWING

## INSTALLATION



Mounting / Installation may only be carried out by a qualified electrician!

## DISPOSAL



## SAFETY WARNINGS

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!

Never use these devices in applications where the safety of a person depends on their functionality.