

ELECTRICAL DATA

Operating voltage	24 V ... 24 V
Rated control supply voltage U_s at DC	21.6 V ... 26.4 V
Rated switching distance	2000 mm
Relative repeat accuracy	2 μ m
Residual ripple	10 %
Reverse polarity protection	Yes
Scanning function	Light-/dark-on mode
Setting procedure	Parameterization
Short-circuit-proof	Yes
Suitable for safety functions	No
Switching frequency	400 Hz
Transmitting power	0.04 W
Type of analog output	0 V ... 10 V / 4 mA ... 20 mA
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 function	Push-pull
Type of switching output	PNP/NPN
Voltage type	DC
With communication interface, RS-232	Yes
With LED display	Yes
With time function	No

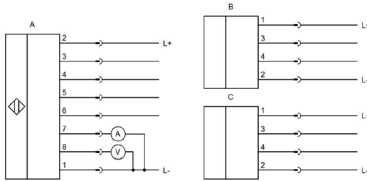
OPTICAL DATA

Filter	Interference filter
Laser class	1
Laser protection class	Class 1
Light beam form	Line
Light source	Laser diode, red light
Line sensor	Yes
Resolution	2 μ m
Wavelength of the sensor	670 nm

OTHER DATA

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

CONNECTION



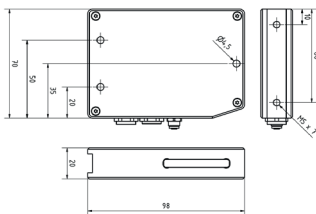
Colors: A: M9: 1 = WH (white), 2 = BN (brown), 3 = GN (green), 4 = YE (yellow), 5 = GY (gray), 6 = PK (pink), 7 = BU (blue), 8 = RD (red)

Functions: A: M9: 1 = L-, 2 = L+, 3 = in 0 (ext. trigger), 4 = in 1 (teach/reset), 5 = out 0, 6 = out 1, 7 = 4-20mA, 8 = 0-10V

B: M5: 1 = L+, 2 = L-, 3 = Rx D, 4 = Tx D

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!