

LPS 4.0 48 IO

Linear Position Sensor
Measuring range 48 mm

Linear Position Sensor



Application/customer benefits

- High precise inductive linear position measuring system
- Ready for Industry 4.0

Technical features

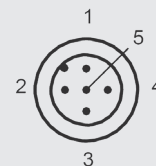
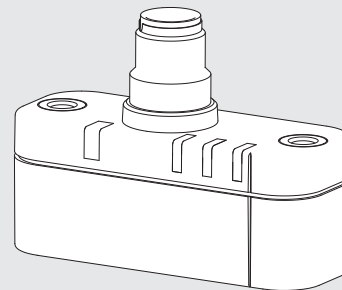
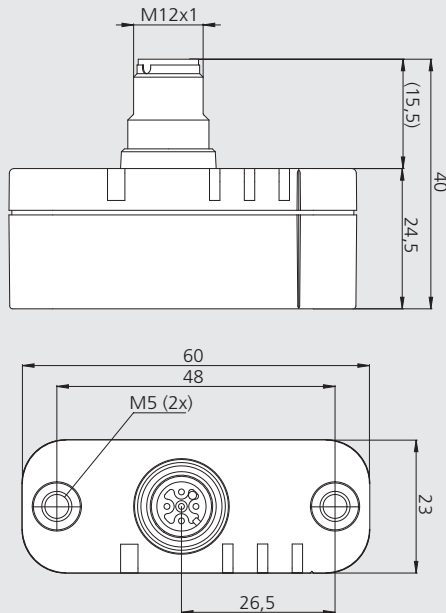
- Inductive measuring principle
- No interference from magnetic fields
- Measuring range = 48 mm
- Compact design / simple installation
- Analog output 0-10 V (Id. No. 208108) / 4-20 mA (Id. No. 208107)
- IO Link standard interface
- Protection class IP 67
- LEDs for operating status

Standard equipment

LPS 4.0 48 IO without cable

Ordering example

LPS 4.0 48 IO 0-10 V
Id. No. 208108
Cable with elbow plug 5 m
Id. No. 208247



Pin Assignment Plug M12 x 1

Pin	Description
1	24V DC
2	not used
3	GND
4	C/Q (data)
5	Signal output 0-10 V (Id. No. 208108) Signal output 4-20 mA (Id. No. 208107)

Technical data

SMW-AUTOBLOK Type	LPS 4.0 48 IO 0-10 V	LPS 4.0 48 IO 4-20 mA
Id. No.	208108	208107
Measuring range	48 mm	48 mm
Signal	0-10 V	4-20 mA
Supply	24 V DC	24 V DC
Repeat accuracy	± 0.1 mm	± 0.1 mm
Linearity	± 0.2 mm	± 0.2 mm
Temperature drift	0.25 mm	0.25 mm
Operating temperature	0 - 70°	0 - 70°
Protection class	IP 67	IP 67
Interface	IO Link 1.1	IO Link 1.1

Cables for LPS 4.0 48 IO	Length	Id. No.	
Sensor connection cable straight plug	5 m	208244	
M 12 x 1 5-pin	10 m	208245	
	15 m	208246	
Sensor connection cable elbow plug	5 m	208247	
M 12 x 1 5-pin	10 m	208248	
	15 m	208249	

* Shielded PUR cable, 1 side cable end, 1 side with socket M12 x 1, machined and gold-plated contacts.