



Application/customer benefits

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

Technical features

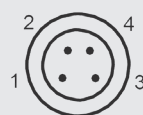
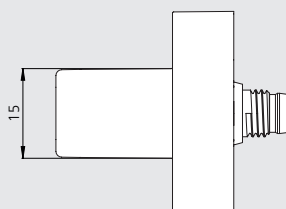
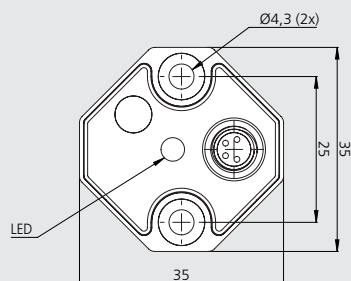
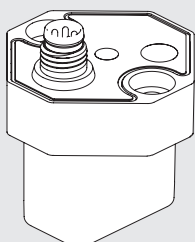
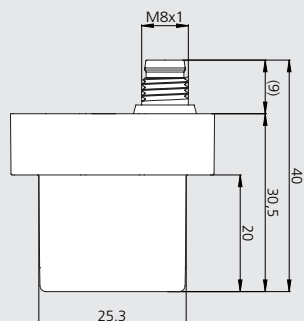
- Inductive measuring principle
- No interference from magnetic fields
- Measuring range = 14 mm
- Compact design / simple installation
- Analog output 0-10 V (Id. No. 208106)
- IO Link standard interface
- Protection class IP 67

Standard equipment

LPS 4.0 14 IO without cable

Ordering example

LPS 4.0 14 IO 0-10 V
Id. No. 208106
Cable with elbow plug 5 m
Id. No. 208241



Pin Assignment Plug M8 x 1

Pin	Description
1	24V DC
2	Signal output 0-10 V
3	GND
4	C/Q (data)

Technical data

SMW-AUTOBLOK Type	LPS 4.0 14 IO 0-10 V
Id. No.	208106
Measuring range	14 mm
Signal	0-10 V
Supply	24 V DC
Repeat accuracy	± 0.05 mm
Linearity	± 0.20 mm
Temperature drift	0.25 mm
Operating temperature	0 - 70°
Protection class	IP 67
Interface	IO Link 1.0

Cables for LPS 4.0 14 IO*	Length	Id. No.	
Sensor connection cable straight plug M8 x 1 5-pin	5 m	208238	
	10 m	208239	
	15 m	208240	
Sensor connection cable elbow plug M8 x 1 5-pin	5 m	208241	
	10 m	208242	
	15 m	208243	

* Shielded PUR cable, 1 side cable end, 1 side with socket M8 x 1, machined and gold-plated contacts.