

LPS 4.0 14 IO

Linear Position Sensor

Measuring range 14 mm



Application/customer benefits

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

Technical features

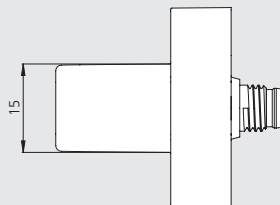
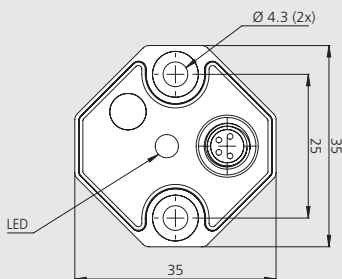
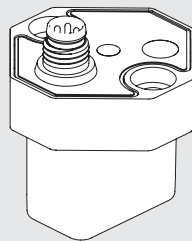
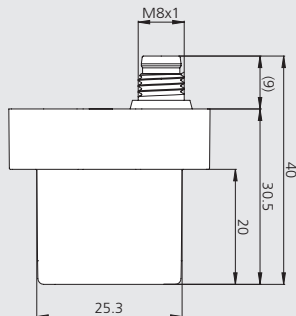
- Inductive measuring system
- No interference from magnetic fields
- Measuring range = 14 mm
- Compact design / simple installation
- Analog output 0 - 10 V (Id. No. 208106)
- IO-Link standard interface
- Protection class IP 67

Standard equipment

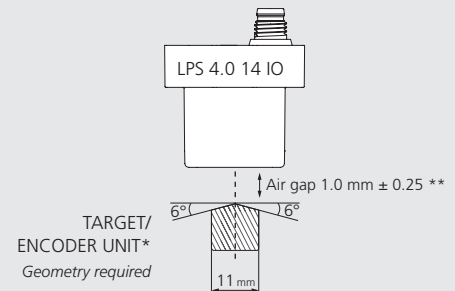
LPS 4.0 14 IO without cable

Ordering example

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



INDUCTIVE POSITION MEASUREMENT



* Not included
** Recommended

Pin Assignment

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

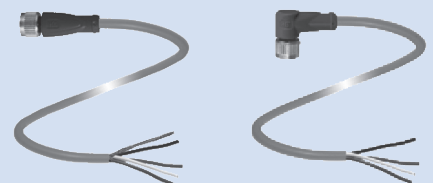
Male connector
M 8 x 1



Technical data

SMW-AUTOBLOK Type	LPS 4.0 14 IO 0 - 10 V
Id. No.	208106
Measuring range	14 mm
Output signal	0 - 10 V
Power supply	24 V DC
Repeat accuracy	± 0.05 mm
Linearity	± 0.20 mm
Temperature drift	0.25 mm
Operating temperature	10 - 60°
Protection class	IP 67
Interface	IO-Link 1.0
MTTF _a	490 a
Mission time (T _M)	20 a
Diagnostic Coverage (DC)	0%

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