

# LMS 6 type cylinder switch



**Systemtechnik  
GmbH**

electronic sensor  
for cylinders with integral permanent magnets

fits LZO E cylinder  
pistons  $\varnothing 25 - \varnothing 200$  mm

Closer, PNP

7501117.05.08.05

## Description

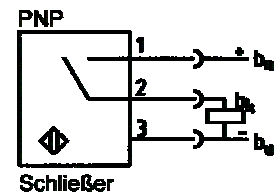
Electronic sensor for non-contact sensing of piston position

This sensing is done using the permanent magnetic field of the piston, coordinated with the model

- LZO E  $\varnothing 32 - \varnothing 100$ , Document 7501178



Wiring diagram



## Technical specifications

Installation position:	Any
Max. ambient temperature:	-20 to 75 °C
Operating voltage ( $U_s$ ):	10-30 VDC
Max. voltage ripple:	$\delta$ 10% of $U_s$
Switching current ( $I_a$ ):	Max. 200 mA
Switching frequency	2 kHz
Switching output:	PNP closer
Short-circuit protection:	in-built
Reverse polarity protection:	in-built Degree
Protection rating:	IP 67
Casing material:	Plastic
Cable connection:	M8x1 screw connector, 3-pin
Accessories:	- LiYY connection cable, 3 x 0.25mm <sup>2</sup> with socket - Holder for either profile tube or tie rod cylinder

## Key features

- non-wearing
- resistant to impact and vibrations
- Short-circuit resistant
- Compact
- M8x1 screw connector
- with LED function display
- Sensors with M12x1 screw connector or cast cable on request

## Ordering overview

### Switch <sup>1)</sup>

Designation	fits piston Ø [mm]	Mass [kg]	Order no.
Switch <b>Type LMS 6</b> with screw connector	32 - 100	0,01	<b>43 148 72</b>

<sup>1)</sup> Plastic switch casing

### Holding clamp <sup>2)</sup>

fits	Piston Ø [mm]	Mass [kg]	Order no.:
Cylinder - <b>tie rod model</b> Type: LZO E	32 - 100	0.02	<b>43 149 55</b>

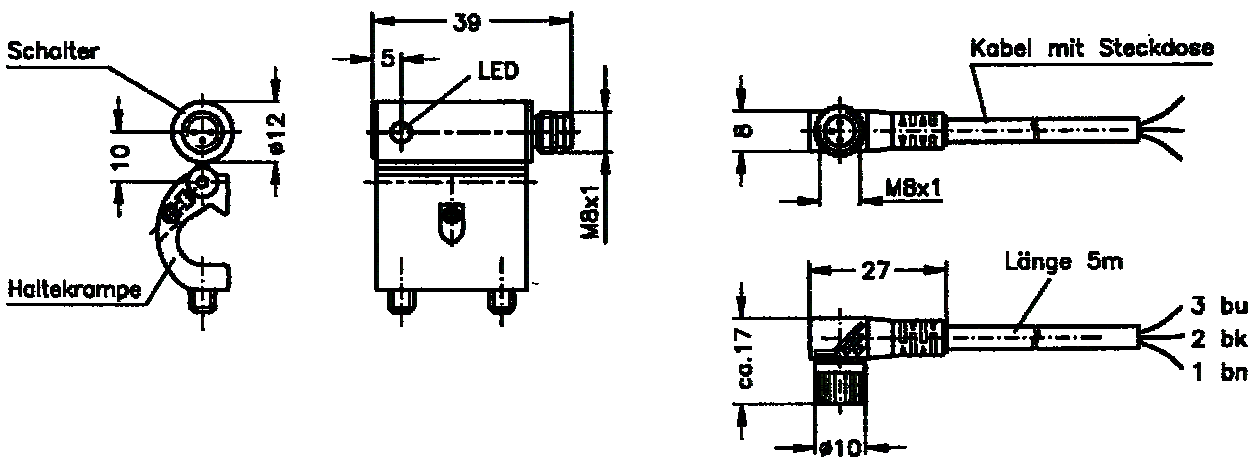
<sup>2)</sup> Clamp aluminium, threaded pins, steel, galvanised

### Connection cable

Designation	Mass [kg]	Order no.:
Connection cable with socket Length: <b>5.0 m</b>	0.14	<b>11 182 04</b>

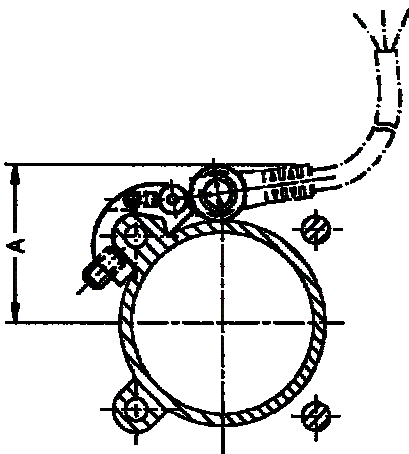
## Dimension drawings

Switch, Securing cramps, Cable with Socket, Length 5m



## Installation area

(for profile tube and tie rod cylinder)



Piston Ø [mm]	A max. [mm]
25	30
32	32
40	35
50	40
63	45

Piston Ø [mm]	A max. [mm]
80	50
100	55
125	65
160	85
200	105