

# Technical Data

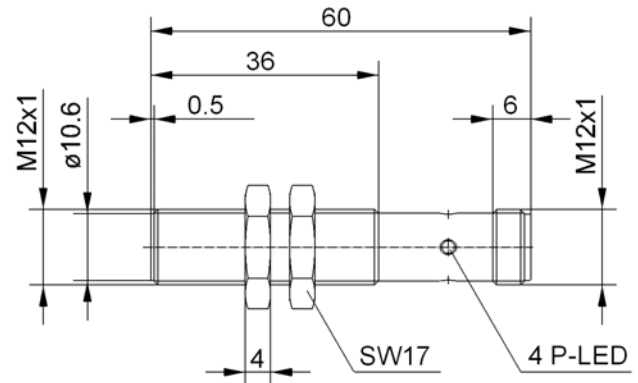
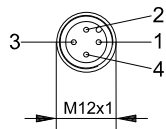
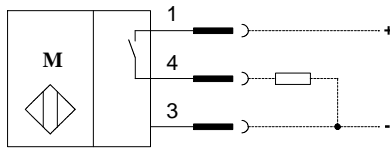
## Magnetic sensors

### Series MA-62

Type designation **MEM-M12PS/H10-KLS12**

Item number **6372262160**

#### Wiring diagram



#### Characteristic features in accordance with EN 60947-5-2

##### Electrical data

Assured operating distance	$S_a$	17 mm
Switching function		PNP, N.O.
Operational voltage range	$U_B$	10-39 VDC
Switching current		400 mA
Supply current		< 20 mA
Voltage drop	$U_d$	< 3 V
Switching element		Hall (south activated), typ. 10 mT
Short-circuit protection		pulsed
Frequency of operating cycles	$f$	10 kHz
Assembly position		optional
False polarity protection		yes
Corresponding magnet		T-62 N/S

##### Electromagnetic compatibility (EMC)

Electromagnetic field test	IEC 61000-4-3
Electrostatic discharge test	IEC 61000-4-2
Electrical fast transient immunity test (Burst)	IEC 61000-4-4
Radiated disturbance field strength	EN 55011

##### Mechanical Data

Enclosure	CuZn39Pb3
Front cap	PA 6.6
Ambient air temperature	-25 °C ... +70 °C
Type of protection	IP67 (only in fully locked position with it.s plugs)
Indication	LED, yellow; output activated
Termination type	Plug socket, PA
For attachment	2 x hexagon nut an

##### EU Conformity

acc. to Directive 2004 / 108 / EC

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual from the here described condition are excluded. Subject to modifications and amendments.

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