

Technical Data

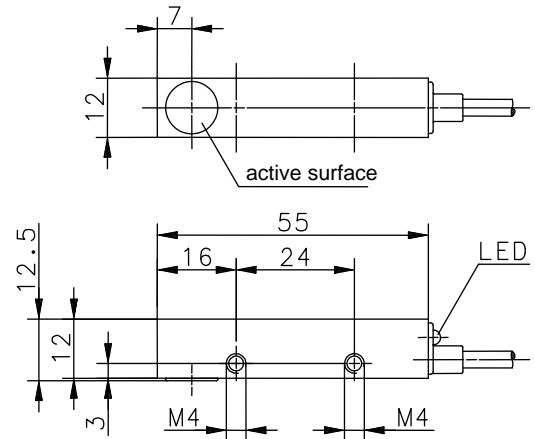
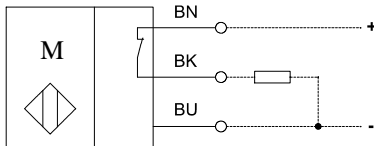
Magnetic sensors

Series Q12

Type designation **MEM-Q12PÖ/H10-KL2**

Item number **6371155058**

Wiring diagram



Characteristic features in accordance with EN 60947-5-2

Electrical data

Assured operating distance	S_a	17 mm
Switching function		PNP, N.C.
Operational voltage range	U_B	10-39 VDC
Switching current		400 mA
Supply current		< 20 mA
Voltage drop		< 3 V
Switching element		Hall (north 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 12
Ambient air temperature	-25 °C ... +70 °C (cabel fixed mounted)
Type of protection	IP67 acc. to IEC 529, EN 60529
Indication	LED, yellow; output activated
Termination type	cabel 3 x 0,14 mm ² x 2 m ± 5 %; PVC-Outer jacket, black

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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