

# Technical Data

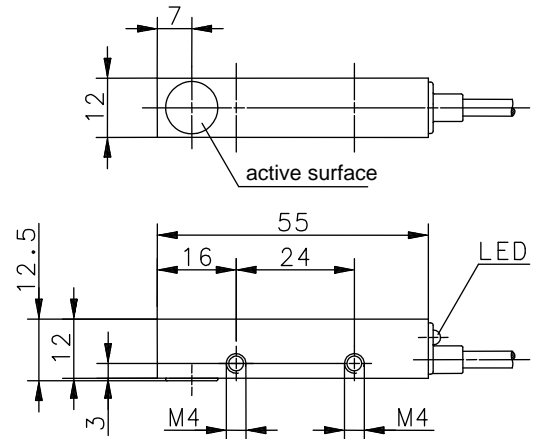
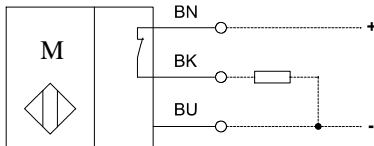
## Magnetic sensors

### Series Q12

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

Item number **6372155084**

#### Wiring diagram



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

##### Electrical data

Assured operating distance	S <sub>a</sub>	17 mm
Switching function		PNP, N.C.
Operational voltage range	U <sub>B</sub>	10-39 VDC
Switching current		400 mA
Supply current		< 20 mA
Voltage drop		< 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 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 <sup>2</sup> x 2 m; 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.

Date of issue: 04.05.2012 / Page 1 of 1  
Document: 6372155084\_en.doc / Last update: 2 / 0144-12