

# Technical Data

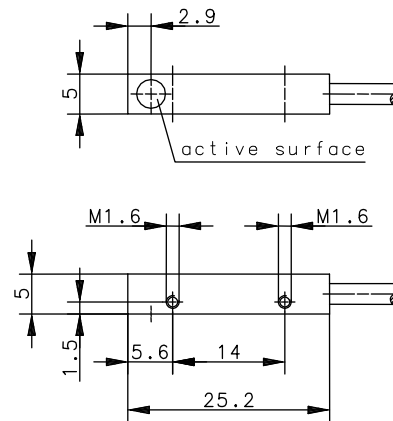
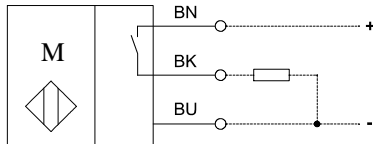
## Magnetic sensors

### Series MA-99

Type designation **MEM-Q05PS/M03-K2**

Item number **6373299134**

#### Wiring diagram



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

##### Electrical data

Assured operating distance	$S_a$	10 mm
Switching function		PNP, open collector, N.O.
Operational voltage range	$U_B$	8-30 V DC
Switching current		150 mA
Supply current		< 5 mA
Voltage drop	$U_d$	$\leq 2$ V
Switching element		GMR, typ. 3 mT
Short-circuit protection		yes
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	PA6
Ambient air temperature	-20 °C ... +70 °C (cabel fixed mounted)
Type of protection	IP67 acc. to IEC 529, EN 60529
Termination type	cabel 3 x 0,05 mm <sup>2</sup> x 2 m; PUR-Outer jacket, black
For attachment	2 x screw M1,6 x 10 and 1 x screwdriver

##### 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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