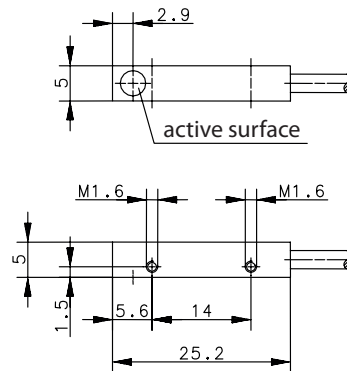
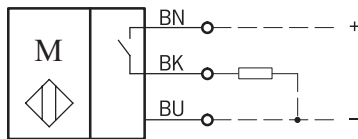


## Magnetic Sensor Series MA-99

Description **MEM-Q05PS/M03-K5**

Article number **6373299216**

### Wiring diagram



### Identifying characteristics 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	$U_d$	≤ 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	IP 67 acc. to IEC 529, EN 60529
Termination type	Cabel 3 x 0,14 mm <sup>2</sup> x 5 m; PUR-Outer jacket, black

<b>Product reliability (in acc. with DIN EN 61709 (SN 29500))</b>	
MTTF	> 2950 years
<b>EU Conformity</b>	
acc. to directive 2014/30/EU (EMC-Directive)	