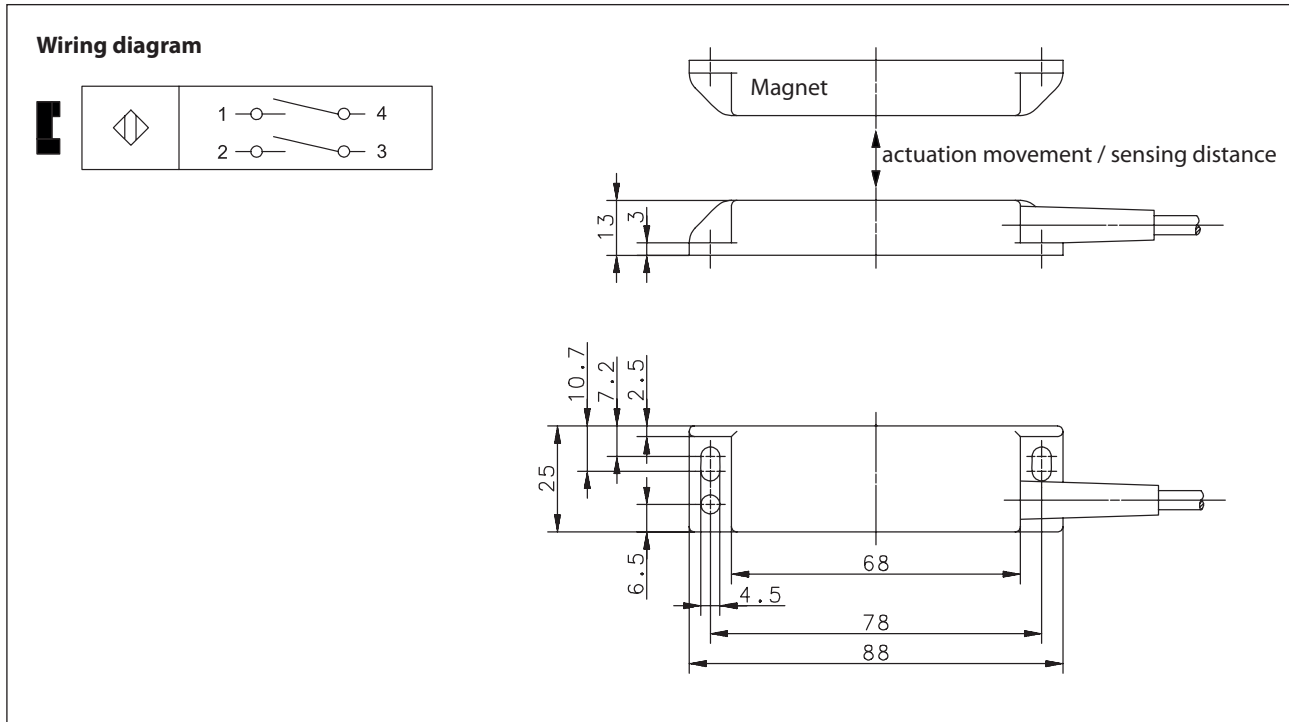


Magnetic Switch Series MA-42

Description **MAK-4222-0,6**

Article number **6320242001**



Identifying characteristics in accordance with EN 60947-5-1 and EN 62246-1

Electrical data		
Assured operating distance	S_a	30 mm
Output		2 x N.O.
Max. switching impulse voltage		200 V
Max. switching impulse current		0,5 A
Max. switching capacity		10 VA
Mechanical lifetime		3×10^8 switchings
Repeat accuracy	R	$\pm 0,1$ mm under same geometrical conditions at the same temperature
Differential travel (hysteresis)	H	≤ 25 mm
Shock		100 g (11 ms, 1/2 sine wave)
Vibration		30 g (50-2000 Hz)
Reference magnet		TK-42 (6302142049)
Rated insulation voltage	U_i	300 V AC
Rated impulse withstand voltage	U_{imp}	4 kV AC
Overvoltage category		II
Protection class		II, fully insulated

Mechanical data	
Enclosure	PA6, black
Ambient air temperature	-30 °C ... +80 °C (fixed cable)
Storage temperature	-40 °C ... +80 °C
Protection class	IP 69k acc. to EN 60529 without plug connection or connection side
Connection	Cable 4 x 0,6 mm ² x 0,6 m; PVC-Outer jacket, black; UV – resistant; Flame-retardant acc. to UL 94 V0
Installation position	operator definable

EU Conformity	
acc. to directive 2014/35/EU (Low-Voltage-Directive)	

Remarks	
Conductor plate coated with SL1331 N-LF-D (Lackwerke Peters GmbH)	