

Magnetic switch

Series MAK-11

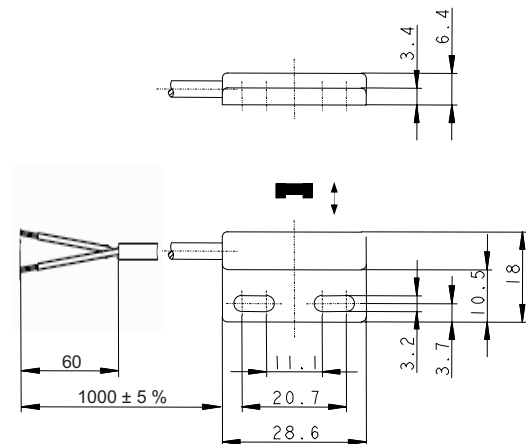
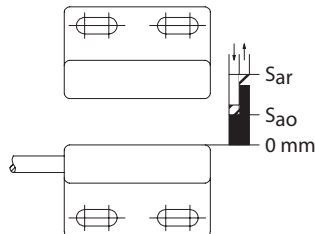
Description **MAK-1112-1**

Article number **6310211667**

Wiring diagramm



Actuation movement / sensing distance:



Technical data

Switching function	N.O.
Reference magnet	TK-11-11 (6302111047)
Assured operating distance - ON	$S_a \geq 10 \text{ mm}$
Assured operating distance - OFF	$S_{ar} \leq 22 \text{ mm}$
Repeat accuracy	R $\pm 0,1 \text{ mm}$, under same geometrical conditions at the same temperature

Electrical data

Max. voltage	250 V AC / DC
Max. switching current	1 A
Max. switching capacity	100 VA
Protection class acc. to EN 61140	II (totally insulated)
Note	Combinations of switching voltage and switching current must not exceed the maximum switching capacity.

Mechanical data

Enclosure	PA 6.6, black; encapsulated reed contact
Temperature range	- 5 °C ... + 70 °C (cable not fixed mounted) - 25 °C ... + 70 °C (cable fixed mounted)
Mechanical life	3 x 10 ⁸ operating cycles
Shock Vibration	50 g (11 ms / ½ Sinewave)
Vibration	20 g (10 - 2000 Hz)
Protection type	IP 67 acc. to EN 60529
Termination type	Cable 2 x 0,14 mm ² ; PVC-outer jacket black
Assembly position	optional (assembly on ferromagnetic material means reduction of switch distance)

Standards

EN 60947-5-1

EN 62246-1

EU Conformity

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

Notes

Contact protection must be provided for inductive and capacitive loads.