

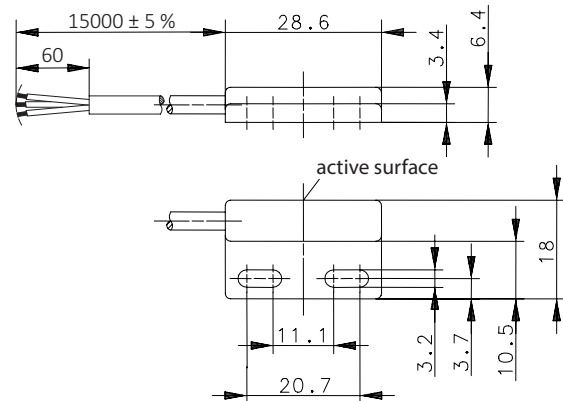
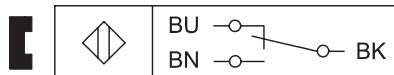
## Magnetic switch

### Series MAK-11

Description **MAK-1113-15**

Article number **6410311728**

#### Wiring diagramm



#### Technical data

Switching function	Switch-Over
Reference magnet	TK-11-11 (6302111047)
Assured operating distance	$S_a \geq 12 \text{ mm}$
Max. Release point	$S_{ar} \leq 24 \text{ mm}$
Repeat accuracy	R $\pm 0,1 \text{ mm}$ , under same geometrical conditions at the same temperature

#### Electrical data

Max. voltage	130 V
Max. switching current	0,25 A
Max. switching capacity	3 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) - 20 °C ... + 70 °C (cable fixed mounted)
Mechanical life	$3 \times 10^8$ operating cycles
Shock Vibration	50 g (11 ms / ½ Sinewave)
Vibration	30 g (50 - 2000 Hz)
Protection type	IP 67 acc. to EN 60529
Termination type	cable 3 x 0,14 mm <sup>2</sup> ; 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.