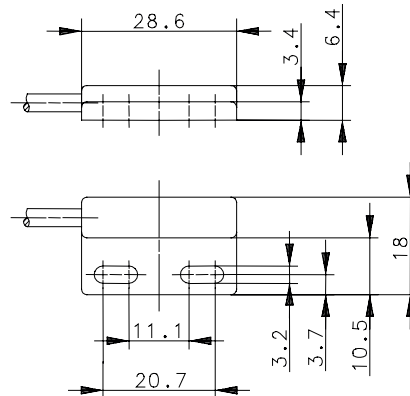
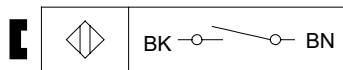


## Magnetic Switch Series MAK-11

Description **MAK-1112-F-1**

Article number **6311211692**

### Wiring diagram



### Technical data

Switching function	N.O.	
Reference magnet	TK-11-11	
Assured operating distance - ON	$S_{ao}$	10 mm
Assured operating distance - OFF	$S_{ar}$	22 mm
Repeat accuracy	R	$\pm 0,1$ 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	
Temperature range	-5 °C ... +70 °C -20 °C ... +70 °C (fixed cable)	
Mechanical life	$3 \times 10^8$ operating cycles	
Shock	50 g (11 ms / $\frac{1}{2}$ Sinewave)	
Vibration	20 g (10 - 2000 Hz)	
Protection type	IP67 acc. EN 60529	
Termination type	Cable 2 x AWG26 x 1 m $\pm 5$ %; PVC -outer jacket black	
Assembly position	optional (assembly on ferromagnetic material means reduction of switch distance)	

<b>Standards</b>
EN 60947-5-1
EN 62246-1

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

<b>Approvals</b>	
	UL Listed, Ind. Cont. Eq. / Class 2 Power source
	<b>Note limited electrical data:</b>
	max. switching voltage 30 V AC / 60 V DC
	max. switching current 1 A
	max. switching capacity 60 VA

<b>Notes</b>
Contact protection must be provided for inductive and capacitive loads.