

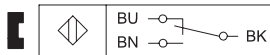
Magnetic switch

Series MA-06

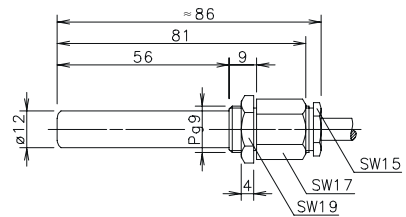
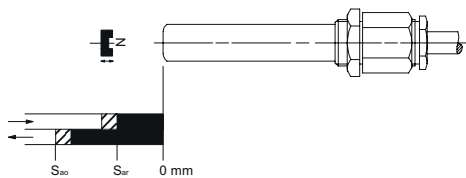
Description **MAA-0613-K-1**

Article number **6315306314**

Wiring diagramm



Actuation movement / sensing distance



Technical data

Switching function	changeover switch
Reference magnet	T-62 N/S (6301262039)
Assured operating distance - ON	S_{ao} 8 mm
Assured operating distance - OFF	S_{ar} 40 mm
Repeat accuracy	R $\pm 0,1$ mm, under same geometrical conditions at the same temperature
Utilization category	DC-12

Electrical data

Max. voltage	250 V AC / DC
Max. switching current	0,35 A AC / 0,5 A DC
Max. switching capacity	30 VA
Protection class acc. to EN 61140	I
Note	Combinations of switching voltage and switching current must not exceed the maximum switching capacity.

Mechanical data

Enclosure	Aluminium / brass; encapsulated reed contact
Temperature range	-5 °C ... +70 °C -20 °C ... +70 °C (fixed cable)
Mechanical life	3 x 10 ⁸ operating cycles
Shock	10 G (11 ms / ½ Sinewave)
Vibration	15 G (50 - 2000 Hz)
Protection type	IP67 acc. EN 60529
Termination type	Cable 4 x 0,75 mm ² x 1 m ± 5 %; PVC-outer jacket black
Assembly position	optional (assembly on ferromagnetic material means reduction of switch distance)
Fixing accessories	1 x hexagon nut, brass

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.