


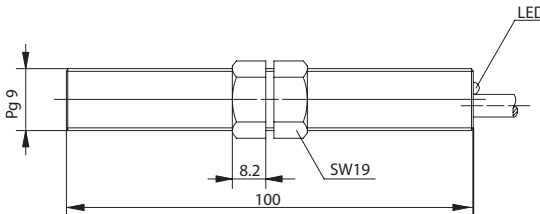
Magnetic Switch Series MA-31

Description MAM-3114-2-LED	Article number 6310431569
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Wiring diagram



Attention: Ensure correct polarity for DC operation, so that the LED lights up.



Technical data	
Switching function	Bistable „On-Off“
Reference magnet	T-62 N/S (6301262039)
Assured operating distance - ON	S_{ao} 20 mm
Assured operating distance - OFF	S_{ar} 36 mm
Repeat accuracy	R $\pm 0,1$ mm, under same geometrical conditions at the same temperature
Utilization category	DC-12

Electrical data	
Max. voltage	UC 5... 250 V
Max. switching current	1 A
Min. switching current	2 mA
Max. switching	120 VA
Voltage drop	< 3 V
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	brass nickel-plated; encapsulated reed contact
Temperature range	-5 °C ... +80 °C
Mechanical life	3 x 10 ⁸ operating cycles
Protection type	IP65 acc. EN 60529
Termination type	Cable 2 x 0,5 mm ² x 2 m; PVC -outer jacket black (other lengths upon request)
Assembly position	optional (assembly on ferromagnetic material means reduction of switch distance)
Fixing accessories	2 x hexagon nut, brass nickel-plated

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.