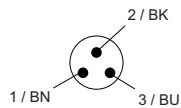
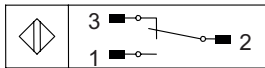


## Magnetic Switch Series MAN-08

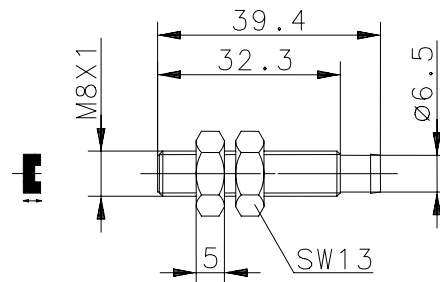
Description **MAN-0813-STK**

Article number **6310308595**

### Wiring diagram



in use with  
BERNSTEIN-junction-box



### Technical data

Switching function	Switch-Over
Reference magnet	T-62 N/S (6301262039)
Assured operating distance - ON	$S_{ao} \geq 13 \text{ mm}$
Assured operating distance - OFF	$S_{ar} \leq 32 \text{ mm}$
Repeat accuracy	R $\pm 0,1 \text{ mm}$ , under same geometrical conditions at the same temperature
Utilization category	DC-12

### Electrical data

Max. voltage	30 V AC / DC
Max. switching current	1,0 A
Max. switching capacity	20 VA
Protection class acc. to EN 61558	III (safety extra-low voltage)
Note	Combinations of switching voltage and switching current must not exceed the maximum switching capacity.

### Mechanical data

Enclosure	Niro (1.4305)
Front cap	PA6, black
Temperature range	-25 °C ... +70 °C
Mechanical life	$3 \times 10^8$ operating cycles
Shock	50 g (11 ms / 1/2 Sinewave)
Vibration	20 g (10 - 1000 Hz)
Protection type	IP65 acc. EN 60529 (only in fully snapped-in position with it's plugs)
Termination type	Connector RD 6,5
Assembly position	optional (assembly on ferromagnetic material means reduction of switch distance)
Fixing accessories	2 x hexagon nut, PA

ID for safety engineering	
B10d	0,5 x 10 <sup>6</sup> cycles
Mission time	20 years

Standards	
	EN 60947-5-1
	EN 62246-1

EU Conformity	
	acc. to directive 2011/65/EU (RoHS 2)

Notes	
Contact protection must be provided for inductive and capacitive loads.	