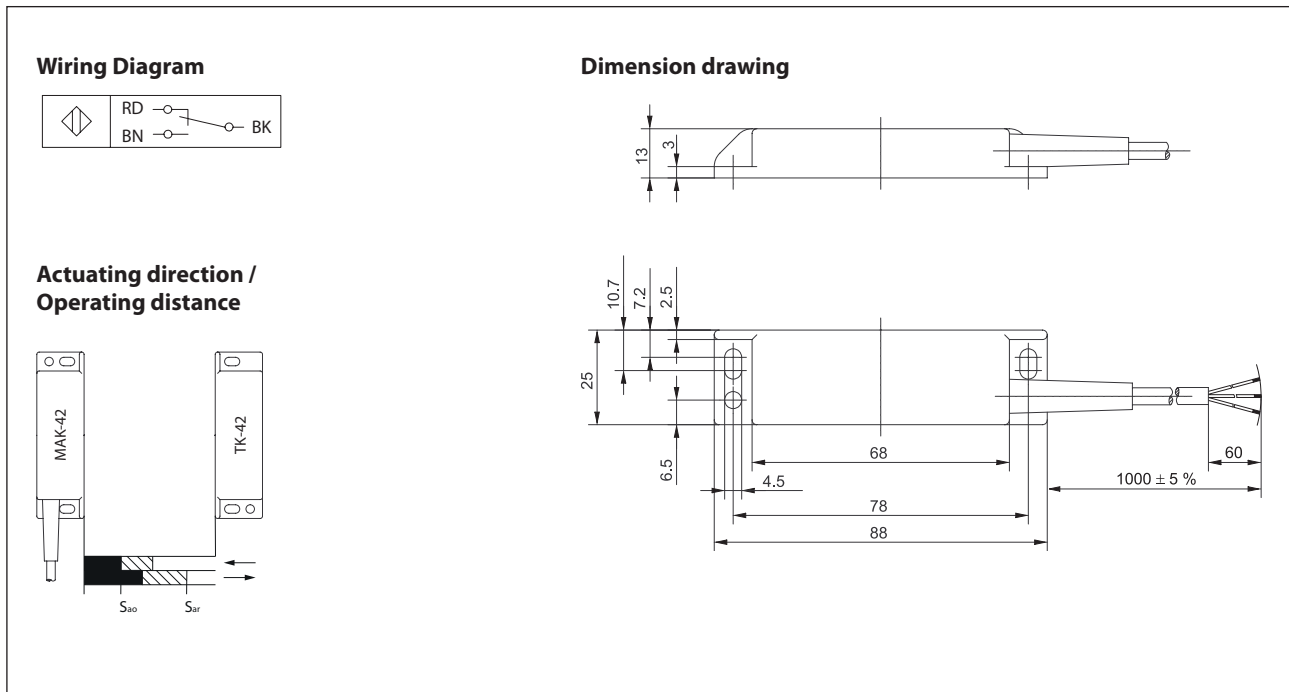


Magnetic Switch Series MAK-42

Description **MAK-4213-D-1**

Article number **6317342714**



Technical data		
Switching function		Change-over
Reference magnet		TK-42 (6302142049)
Assured operating distance - EIN	S_{30}	22 mm
Assured operating distance - AUS	S_{3r}	44 mm
Repeat accuracy	R	$\pm 0,1$ mm, under same geometrical conditions at the same temperature
Utilization category		DC-12

Electrical data	
Max. voltage	30 V _{AC} , 60 V _{DC}
Max. switching current	0,25 A
Max. switching capacity	5 VA
Protection class acc. to EN IEC 61558	III (safety extra-low voltage)
Note	Combinations of switching voltage and switching current must not exceed the maximum switching capacity.

Mechanical data	
Enclosure	PA6.6, black; encapsulated reed contact
Tightening torque of fastening screws	1,25 Nm ± 0,25 Nm
Temperature range	- 10 °C ... + 80 °C (cable not fixed mounted) - 30 °C ... + 71 5°C (cable fixed mounted)
Mechanical life	3 x 10 ⁸ operating cycles
Protection type	IP 67 acc. to EN 60529
Termination type	cable 3 x AWG 20; PVC-outer jacket black
Assembly position	optional (assembly on ferromagnetic material means reduction of switch distance)

Standards	
	EN 60947-5-1
Note	EN 62246-1

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

Approvals	
	
	UL Listed, Ind. Cont. Eq. / Class 2 Power source

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