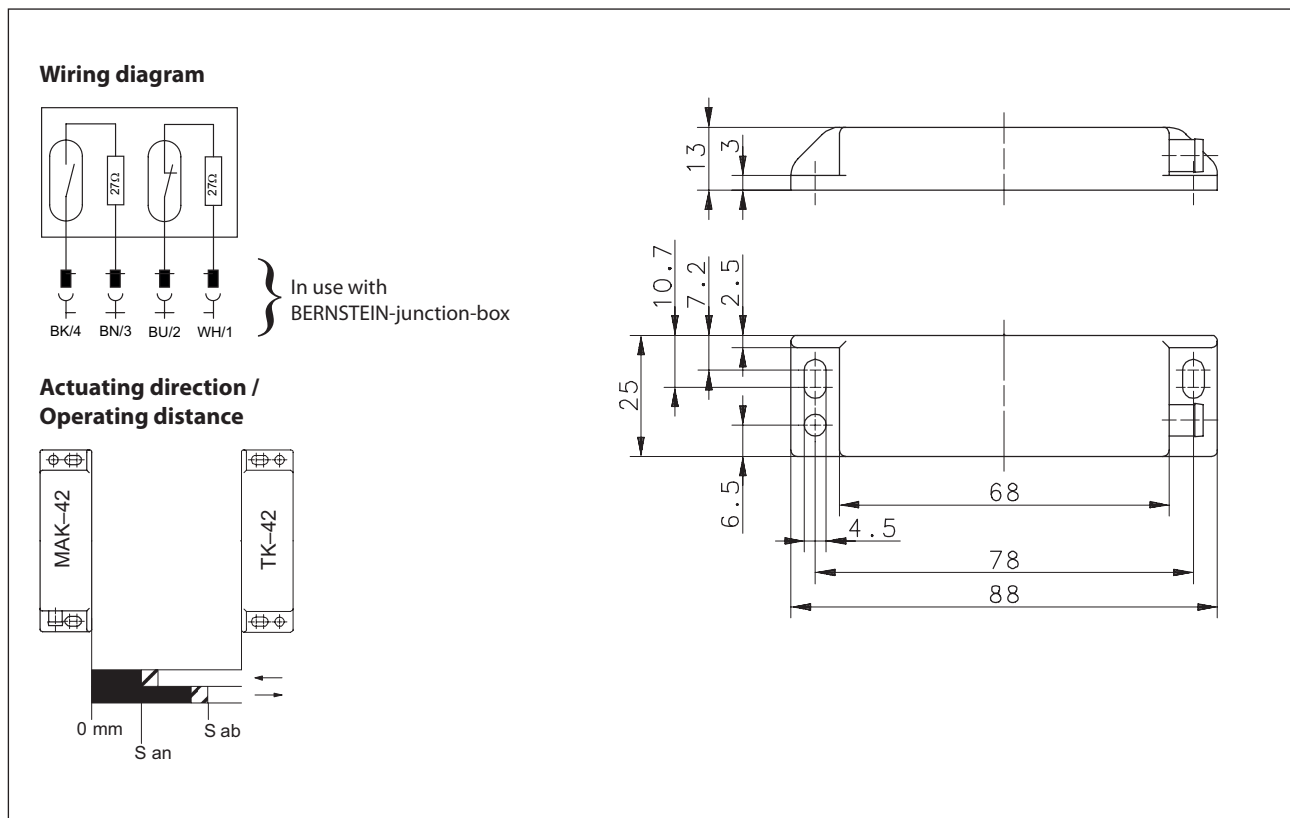


## Magnetic Switch Series MA-42

Description **MAK-4236-STK**

Article number **6490642305**



### Identifying characteristics in accordance with EN 60947-5-1 and EN 62246-1

Electrical data		TK-42-CD	TK-42-SN8
Assured operating distance	Sa <sub>an</sub>	≥ 5 mm	≥ 8 mm
	Sa <sub>ab</sub>	≤ 14 mm	≤ 16 mm
Reference magnet		Coded magnetic system of type Tx-42-CD-xx Preferredly 6402042022	
Output		N.O., N.C. combined	
Max. voltage		30 V DC	
Max. switching current		0,25 A	
Max. switching capacity		0,25 VA	
Mechanical lifetime		3 x 10 <sup>8</sup> switchings	
Repeat accuracy	R	±0,1 mm under same geometrical conditions at the same temperature	
Operating frequency		≤ 1Hz (in connection with MÜZ-x02/xxx)	

Mechanical data	
Enclosure	PA66, black (encapsulated reed contact)
Ambient air temperature	-20 °C ... +70 °C
Type of protection	IP 65 according to IEC 60529 (only in fully snapped-in position with it's plugs)
Connection	Plug socket Ø 6,5; 4 contacts
Assembly position	optional

ID for safety engineering	
B10d	1 x 10 <sup>6</sup> cycles (low load, 20 %) 0,5 x 10 <sup>6</sup> cycles (max. load, 100 %)

Standards	
	DIN EN ISO 13849-1

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

Notes	
Application: Monitoring system of type MÜZ-x02/xxx	
Tightening torque of screws: 1,25 Nm ±0,25 Nm	