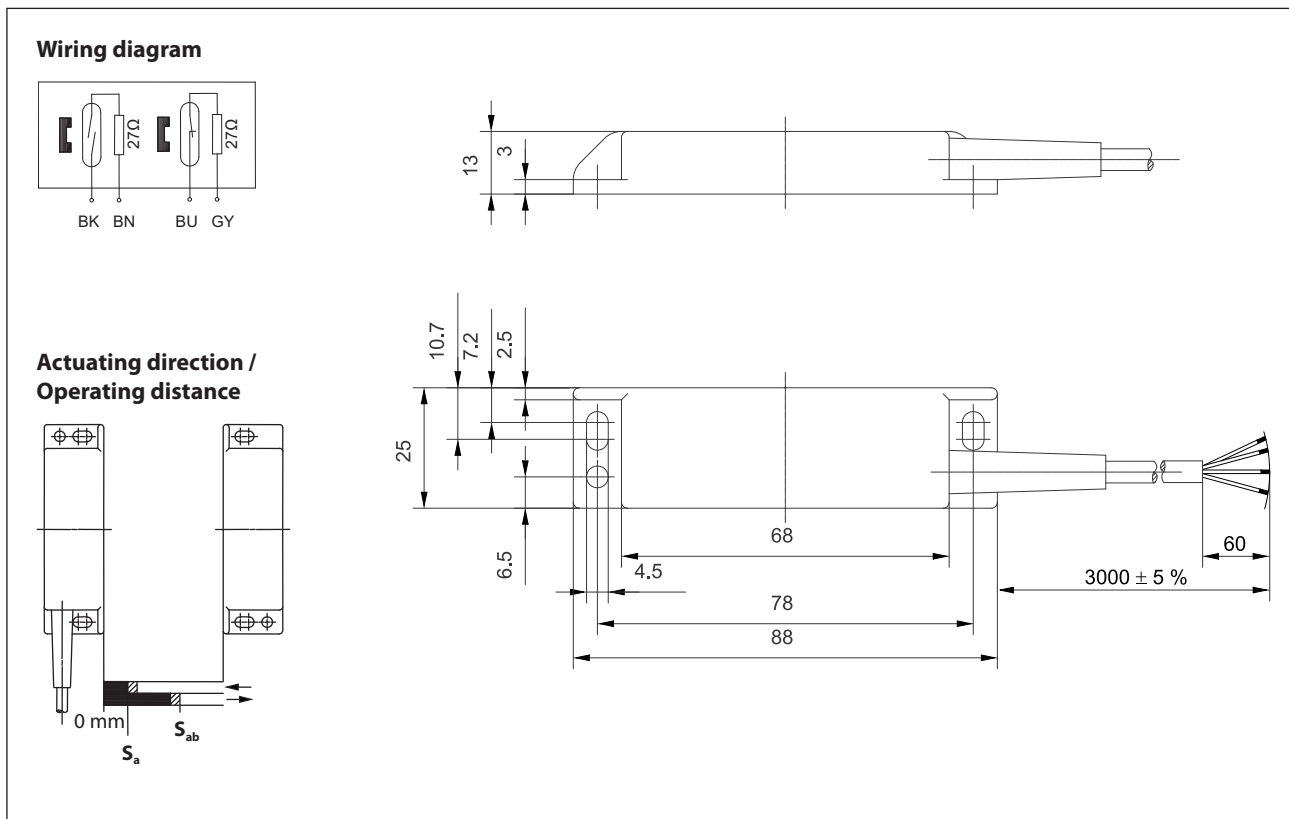


Magnetic Switch Series MA-42

Description **MAK-4236-3**

Article number **6490642301**



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

Electrical data		
Assured operating distance	S_a	≥ 5 mm
Reference magnet		TK-42-CD (6402042310)
Output		N.O., N.C. combined
Max. voltage		30 V DC
Mechanical lifetime		3×10^8 switchings
Repeat accuracy	R	$0,1 \times S$ under same geometrical conditions at the same temperature (within the boundaries of S_a and S_{ab})
Max. release point	S_{ab}	14 mm
Operating frequency		1 Hz

Mechanical data	
Enclosure	PA6, black; encapsulated reed contact
Ambient air temperature	-5 °C ... +70 °C
Protection class	IP 67 acc. to EN 60529
Connection	Cable 4 x 0,25mm ² ; PVC - Outer jacket, black
Installation position	operator definable
Pollution degree	3 acc. to EN 60947-1

Bemerkungen
<p>When this magnetic switch is used together with the related magnet, like TK-42-CD, and a suitable safety control unit, like MÜZ-□02/D24-FL□□□□, it supports a safety system up to PL d according to EN ISO 13849-1 and up to SIL CL 2 according to EN 62061.</p> <p>These coded magnetic systems offer manipulation-safe locking and can not be actuated with simple tools like depolarised magnets.</p> <p>The sensor units are to be operated free from impact and vibration.</p> <p>Tightening torque of screws: 1,25 Nm ±0,25 Nm</p>