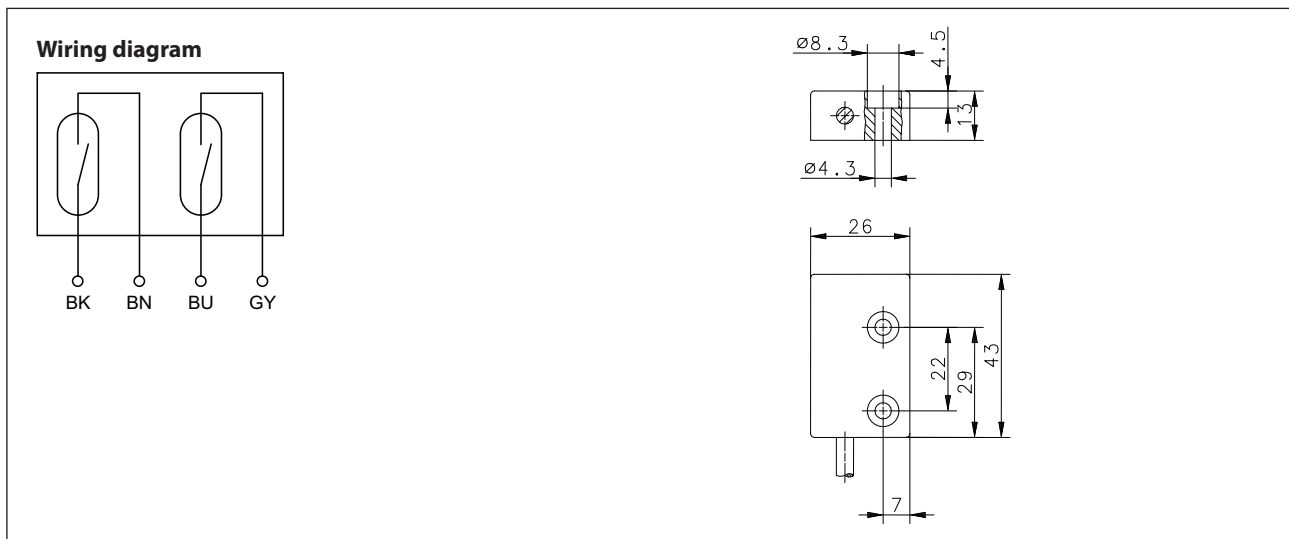


## Magnetic Switch Series MA-52

Description **MAK-5236-3-25**

Article number **6490652059**



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

Electrical data		
Operating distance	$S_n$	$\geq 3$ mm
Assured operating distance	$S_a$	3 mm
Output		2 x N.O.
Max. switching voltage		120 V AC / DC
Max. switching current		0,25 A
Max. voltage		5 VA
Mechanical lifetime		$3 \times 10^8$ switchings, however, according to the load resetability
Repeat accuracy	R	$\pm 0,1$ mm (under same geometrical conditions at the same temperature)
Release point	$S_{ab}$	$\leq 9$ mm
Reference magnet		Coded magnetic system TK-52-CD/2 ( 6402052307 )

Mechanical data	
Enclosure	PBT, black
Ambient air temperature	-5 °C ... +70 °C
Protection class	IP 65 according to IEC 529, EN 60529
Connection	Cable 4 x 0,25 mm <sup>2</sup> x 3 m; PVC - Outer jacket, black
Assembly position	optional (assembly on iron means reduction of switch distance)

EU Conformity	
acc. to directive 2014/35/EU (Low-Voltage-Directive)	

**Notes**

These coded magnetic systems offer manipulation-safe locking and can not be actuated with simple tools like depolarised magnets.

When this magnetic switch is used together with the related magnet, like TK-52-CD/2 (6402052307), and a suitable safety control unit, like e.g. Safety Relay Combination SCR, it supports a safety system up to PL e according to EN ISO 13849-1 and up to SIL CL 2 according to EN 62061.

The magnetic-units are impact- and shock free to actuate.

Tightening torque of screws: 1,25 Nm  $\pm$ 0,25 Nm