

Technical Data

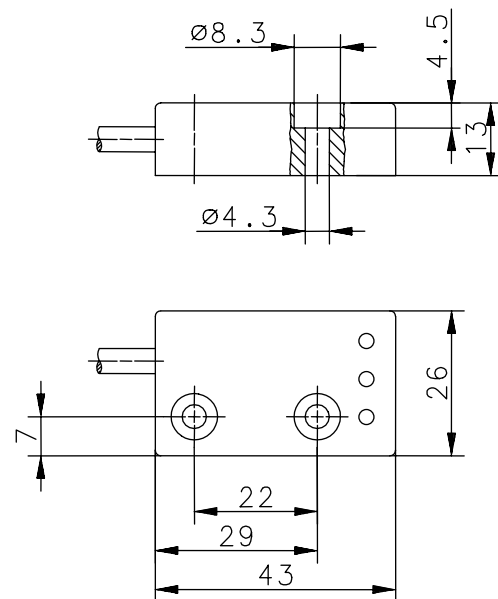
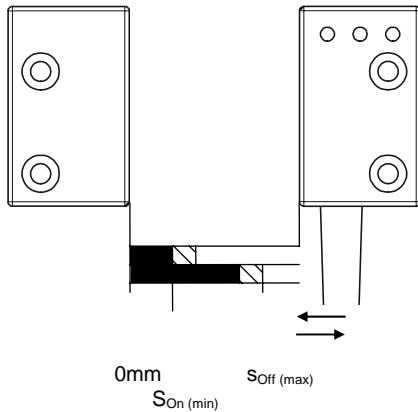
Magnetic Switch

Series MA-52-ASI

Type designation **ASI MAK 52**

Item number **6073200068**

Actuating direction / Operating distance



Technische Daten

Operating distance	S[mm]	min typ. max			
		ON	3	5	9
		OFF	6	9	14
		HYS	-	7	-
Reference magnet		TK-52-CD/2 (6402052307)			
Mechanical life		3 x 10 ⁸ switchings			
Repeat accuracy	R	under same geometrical conditions and at the same temperature			
Frequency of actuation		0,1 x S (within the limits of S _{min} and S _{max})			
		1Hz			

Electrical data

Operating voltage	U	18 ... 31,6 V; via AS-interface, reverse-polarity proof	
Operating current	I	< 40 mA	
AS-i Specifications		Profile S-0.B	
		IO-Code:	0x0 ID-Code: 0xB
		ID-Code1:	0xF ID-Code2: 0xE
AS-i Inputs		Contact 1:	Date bits D0/D1 = static 00 or dynamic code transmission
		Contact 2:	Date bits D2/D3 = static 00 or dynamic code transmission
Parameter bits		no function	
AS-i Address		preset address: 0	

This document will not become the contractual basis; the details included herein do not constitute any descriptions of expected conditions, so that warranties/claims for defects on account of possible variations of the actual from the here described condition are excluded. Subject to modifications and amendments.

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Mechanical data	
Enclosure	PBT, black; encapsulated reed contact
Ambient air temperature	-5° C ... +70° C
Protection class	IP67 acc. to IEC 529, EN 60529
Connection	Cable 4 x 0,25 mm ² x 2 m; PVC - Outer jacket, black; with M12-connector
	The length of the connecting cable is a part of the AS-i cable of max. 100 m.
Plug connection	1: AS-i + 2: free 3: AS-i - 4: free
Installation position	operator definable
Pollution degree	3 acc. to EN 60947-1
Standards	
	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
	VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1 EN 50295, EN ISO 13849-1
EU Conformity	
	acc. to EMC Directive
Safety Classification	
	according 13849-1 to PL e
	MTTFd = high
	PFD = 2,49 * 10 ⁻¹⁰

Notes

These Gerber-systems provide with respect to the actuation a high manipulation protection and are not to operate with simple equipment such as depolarized magnets.

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

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