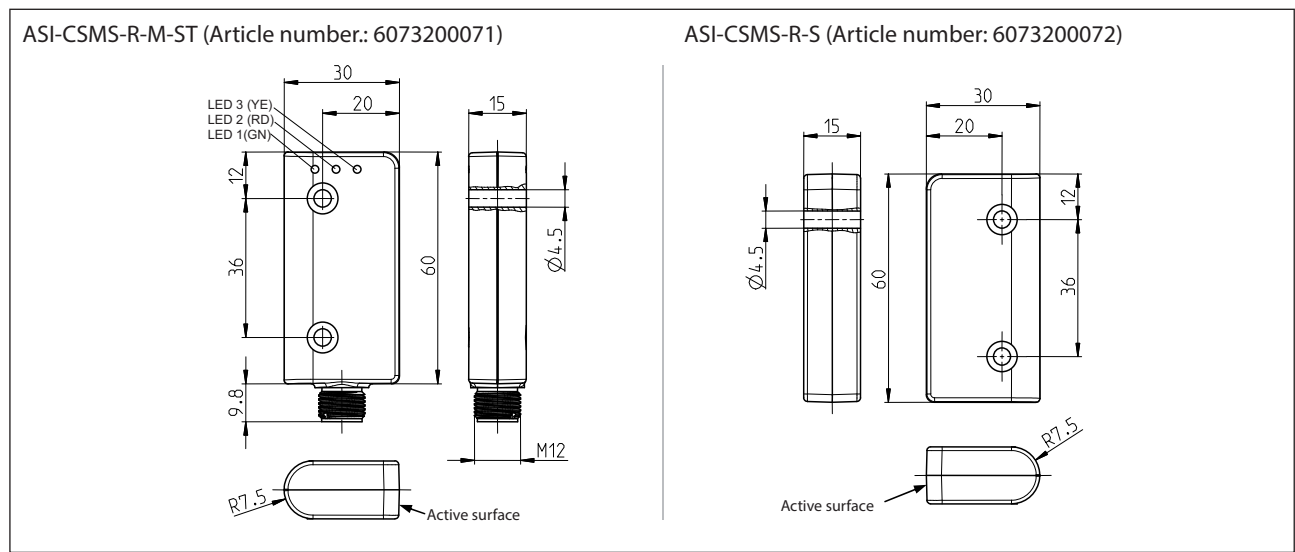


Safety switch

Series CSMS - ASI

Description ASI-CSMS-R-SET	Article number 6073200077
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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

Mechanical Data		
Enclosure		Macromelt; encapsulated reed contact
Indication	LED 1 and 2	LEDs for slave and bus state
	LED 3	LED for State of actuator
Actuator		Actuator (Article number: 6073200072)
Ambient temperature		-5 °C bis +70 °C (in operation)
Mounting		2 holes Ø 4,5 (for M4 screws)
Tightening torque (max.)		1 Nm
Connection		Plug connector M12 male
Plug connection		1: AS-i +, 2: free, 3: AS-i -, 4: free
Type of protection		IP67 acc. to IEC/EN 60529

Operating Distance				
		min.	typ.	max.
Rated operating distance	S_n		5 mm	
Assured operating distance - on	S_{ao}	3 mm		
Hysteresis			7 mm	
Assured operating distance - off	S_{ar}			14 mm

The diagram illustrates the operating distance between two sensors. A horizontal line with arrows at both ends represents the distance. A scale is shown above the line, starting at 0mm. A shaded region between 0mm and S_{ao} (min) is labeled S_{ao} (min). A larger shaded region extending to S_{ar} (max) is labeled S_{ar} (max). Below the scale, two sensor units are shown in profile, facing each other.

Repeat accuracy		0,1 x S (within the limits of Smin and Smax)		
Frequency of actuation		1Hz		

Actuation
<p>The diagram shows two sensor units in profile, facing each other. A horizontal double-headed arrow is positioned between them, indicating the actuation distance.</p>

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
acc. 13849-1 to PL e
MTTFd = high
PFD = 2,49 * 10 ⁻¹⁰