

SENSOR SWITCH, COMPACT, 22MM, ROUND, PLASTIC, BLACK, MOMENTARY CONTACT TYPE, WITH HOLDER, OPERATING VOLTAGE 24V DC, M12 PLUG, 4-POLE



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Sensor pushbutton
Enclosure:	
Shape of the enclosure front	round
Number of command points	1
Actuator:	
Design of the operating mechanism	Sensor pushbutton
Manner of function of the actuating element	Depressurized
Product extension optional Light source	No
Color	
• of the actuating element	black
Material of the actuating element	plastic
Shape of the actuating element	round
Outer diameter of the actuating element	53.6 mm
Front ring:	
Product component front ring	No

Holder:	
Material of the holder	Plastic
General technical data:	
Product function	
• positive opening	No
Insulation voltage	
• rated value	32 V
Degree of pollution	3
Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Operating frequency maximum	3 600 1/h
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Main circuit:	
Operating voltage	
• rated value	24 V
Auxiliary circuit:	
Design of the contact of auxiliary contacts	electrical
Number of NC contacts	
• for auxiliary contacts	0
Number of NO contacts	
• for auxiliary contacts	1
Number of CO contacts	
• for auxiliary contacts	0
Inputs/ Outputs:	
Number of outputs as contact-affected switching element	
• as NO contact	
— for signaling function instantaneous contact	1
Connections/ Terminals:	
Type of electrical connection	M12 connector, 4-pole
Tightening torque of the screws in the bracket	1 ... 1.2 N·m

Lamp:

Type of light source	LED
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Safety related data:

Failure rate [FIT]	
• with high demand rate acc. to SN 31920	213 FIT
MTTFd	1 071 y

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted for all devices behind front panel)

Installation/ mounting/ dimensions:

Mounting type	
• of modules and accessories	Front plate mounting
Height	40 mm
Width	30 mm
Shape of the installation opening	round
Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	19.6 mm
Installation width	53.6 mm
Installation depth	34 mm

Certificates/approvals

General Product Approval		Declaration of Conformity	Test Certificates	
				Werksbescheinigung
TÜV	UL		EG-Konf.	spezielle Prüfbescheinigung

other

[Bestätigungen](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1200-1SK10-2SA0>

Cax online generator

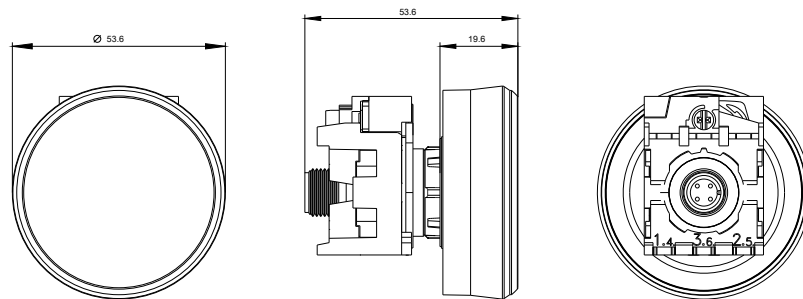
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-1SK10-2SA0>

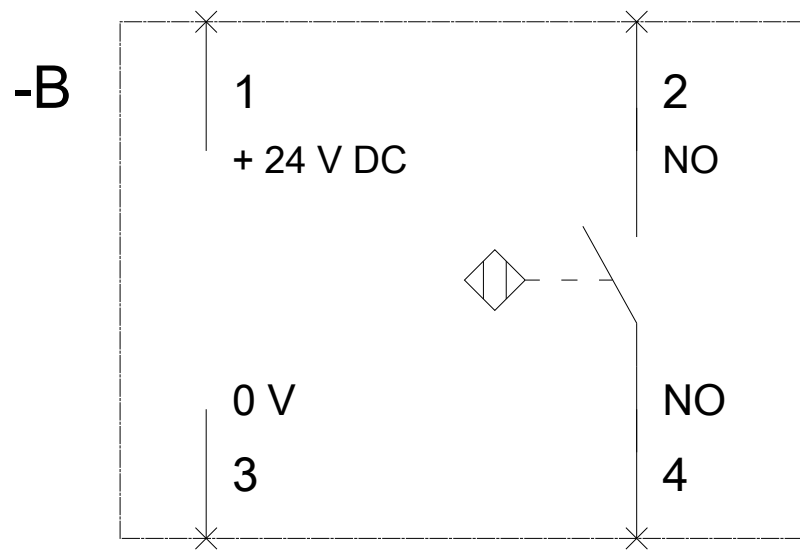
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-1SK10-2SA0>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-1SK10-2SA0&lang=en





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