



HOUSING FOR POSITION SWITCH PLASTIC
HOUSING ACC. TO EN50047, 31MM M20X1.5; W.
COVER TURQUOISE AND PLUNGER

Product designation		empty enclosure EN 50047, cover turquoise
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General technical data:

Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Material of the enclosure of the switch head		plastic
Protection class IP		IP65
Equipment marking		U
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		U
Repeat accuracy	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	20

Enclosure:

Design of the housing		block, narrow
Material of the enclosure		plastic
Coating of the enclosure		Other types
Design of the housing acc. to standard		Yes

Drive Head:

Design of the operating mechanism		teflon plunger
Standard-compliant actuator head		EN 50047, design B
Shape of the switch head		rounded
Design of the switching function		Positive opening with appropriate positive opening actuator head and switching element

Connections/ Terminals:

Type of connectable conductor cross-section

• solid	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
• finely stranded with core end processing	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
• finely stranded without core end processing	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
• for AWG conductors	
— solid	1x (20 ... 16), 2x (20 ... 18)
— stranded	1x (20 ... 16), 2x (20 ... 18)

Mechanical data:

Cable entry type	1x (M20 x 1.5)
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Communication/ Protocol:

Design of the interface	without
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Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +85
• during storage	°C	-40 ... +90

Installation/ mounting/ dimensions:

mounting position	any
Mounting type	screw fixing

Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates	other
 CSA	 UL		 EG-Konf.
		Special Test Certificate	Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

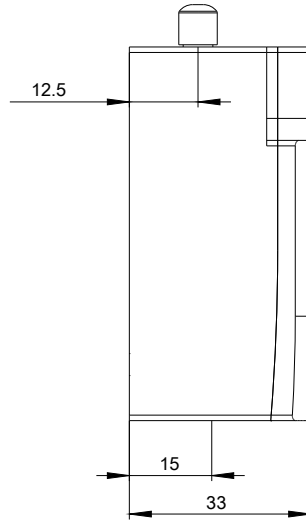
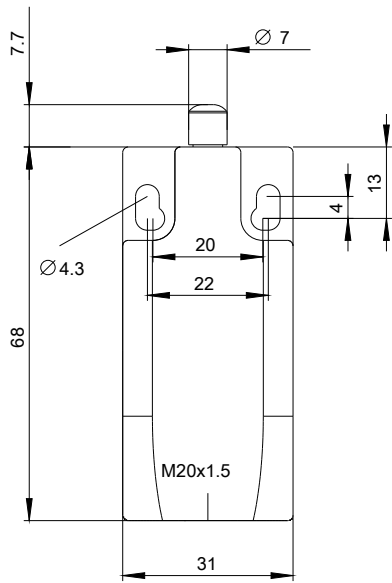
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52320AC05>

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

<http://support.automation.siemens.com/WW/view/en/3SE52320AC05/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52320AC05&lang=en



last modified:

09.03.2015