



SIRIUS POSITION SWITCH PLASTIC 31MM, ACC. TO EN 50047 INCREASED CORROSION PROTECTION, W. M12 PLUG CONNECTOR 4-POLE 1NO/1NC SNAP-ACTION CONTACTS ROUNDED PLUNGER W. PLASTIC ROLLER, FUNCTIONAL AT -40 DEGREES, SHOCK AND VIBRATION TEST ACC. TO EN61373, CATEGORY 1B

Figure similar

Product designation		standard position switch
Manufacturer article number <ul style="list-style-type: none"> • of the supplied basic switch • of the supplied actuator head for position switches • of the supplied switching contacts 		3SE5234-0CC05-1AJ1 3SE5000-0AD03 3SE5000-0CA00

General technical data:

Product function		
<ul style="list-style-type: none"> • positive opening 		Yes
Insulation voltage		
<ul style="list-style-type: none"> • Rated value 	V	250
Degree of pollution		class 3
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Surge voltage resistance Rated value	kV	2.5
Mechanical service life (switching cycles)		
<ul style="list-style-type: none"> • typical 		15 000 000
Electrical endurance (switching cycles)		
<ul style="list-style-type: none"> • at AC-15 at 230 V typical 		100 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6 000
Thermal current	A	4
Material of the enclosure of the switch head		plastic
Protection class IP		IP65
Equipment marking		

<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		B B
Active principle		mechanical
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
Operating current at AC-15		
<ul style="list-style-type: none"> • at 230 V Rated value 	A	3
Operating current		
<ul style="list-style-type: none"> • at DC-13 at 125 V Rated value 	A	0.55
Operating current		
<ul style="list-style-type: none"> • at DC-13 — at 24 V Rated value 	A	3

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		plastic roller
Standard-compliant actuator head		EN 50047, design C
Shape of the switch head		roller
Design of the switching function		positive opening

Connections/ Terminals:		
Type of electrical connection		M12 plug, fixed

Mechanical data:		
Cable entry type		M12 plug
Design of plug-in connection		M12 plug, 4-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13, Pin 4 = 14

Communication/ Protocol:		
Design of the interface		without

Ambient conditions:		
Ambient temperature		
<ul style="list-style-type: none"> • during operation 	°C	-40 ... +85
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +90

Installation/ mounting/ dimensions:		
mounting position		any
Mounting type		screw fixing

Certificates/ approvals:		
---------------------------------	--	--



[Special Test Certificate](#)

other

[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

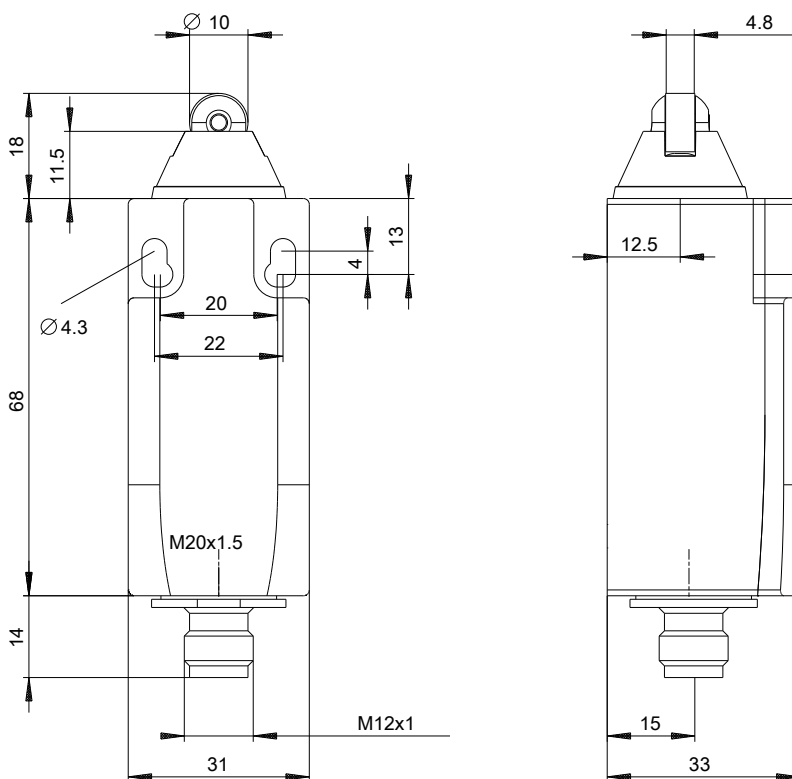
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52340CD031AJ1>

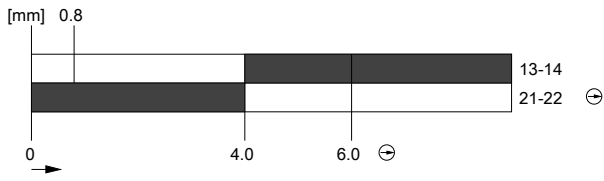
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE52340CD031AJ1/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=3SE52340CD031AJ1&lang=en





last modified:

09.03.2015