



SIRIUS POSITION SWITCH;
METAL ENCLOSURE TO EN50047,
31MM 1NO/1NC SLOW-ACTION CONTACTS W. M12
CONNECTOR, 5-POLE PIN ASSIGNMENT: PIN1=21,
PIN2=22,
PIN3=13, PIN4=14, PIN5=PE MAX. 250V AND 4A,
WITH PLUNGER

Manufacturer article number

- of the basic unit included in the scope of supply

[3SE5214-0BC05-1AC5](#)

General technical details:

product designation

standard position switch

Explosion protection category for dust

none

Insulation voltage

- rated value

V

125

Degree of pollution

class 3

Thermal current

A

4

Operating current

- at AC-15
 - at 24 V / rated value
 - at 125 V / rated value
 - at 230 V / rated value
- at DC-13
 - at 24 V / rated value
 - at 125 V / rated value
 - at 230 V / rated value

A

4

A

4

A

3

A

3

A

0.55

A

0.27

Continuous current

- of the slow DIAZED fuse link

A

4

• of the quick DIAZED fuse link	A	4
• of the C characteristic circuit breaker	A	2
Mechanical operating cycles as operating time		
• typical		15,000,000
Electrical operating cycles as operating time		
• 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
Repeat accuracy	mm	0.05
Design of the contact element		slow-action contacts
Number of NC contacts		
• for auxiliary contacts		1
Design of the switching function		positive opening
Number of NO contacts		
• for auxiliary contacts		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
• during operating	°C	-25 ... +85
• during storage	°C	-40 ... +90
Product specification		
• for dimensions		EN 50047
Width of the sensor	mm	31
Material		
• of the enclosure		metal
Material / of the housing / of the switch head		plastic
Design of the operating mechanism		teflon plunger
Actuating speed	mm/s / m/s	0.4 ... 1.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		1x (M20 x 1.5)
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		M12 connector, 5-pole: pin 1= terminal 21, pin 2= 22, pin 3= 13, pin 4= 14, pin 5= PE
Item designation		
• according to DIN 40719 extendable after IEC 204-2		S
• according to DIN EN 61346-2		B

Certificates/approvals:

General Product Approval



CCC



GOST



UL



VDE



EG-Konf.

Test Certificates

[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/industrial-controls/mall>

Cax online generator:

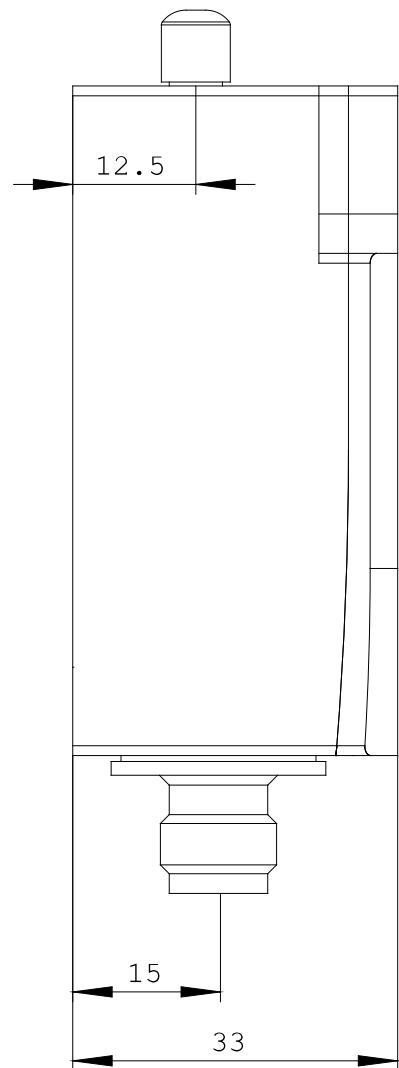
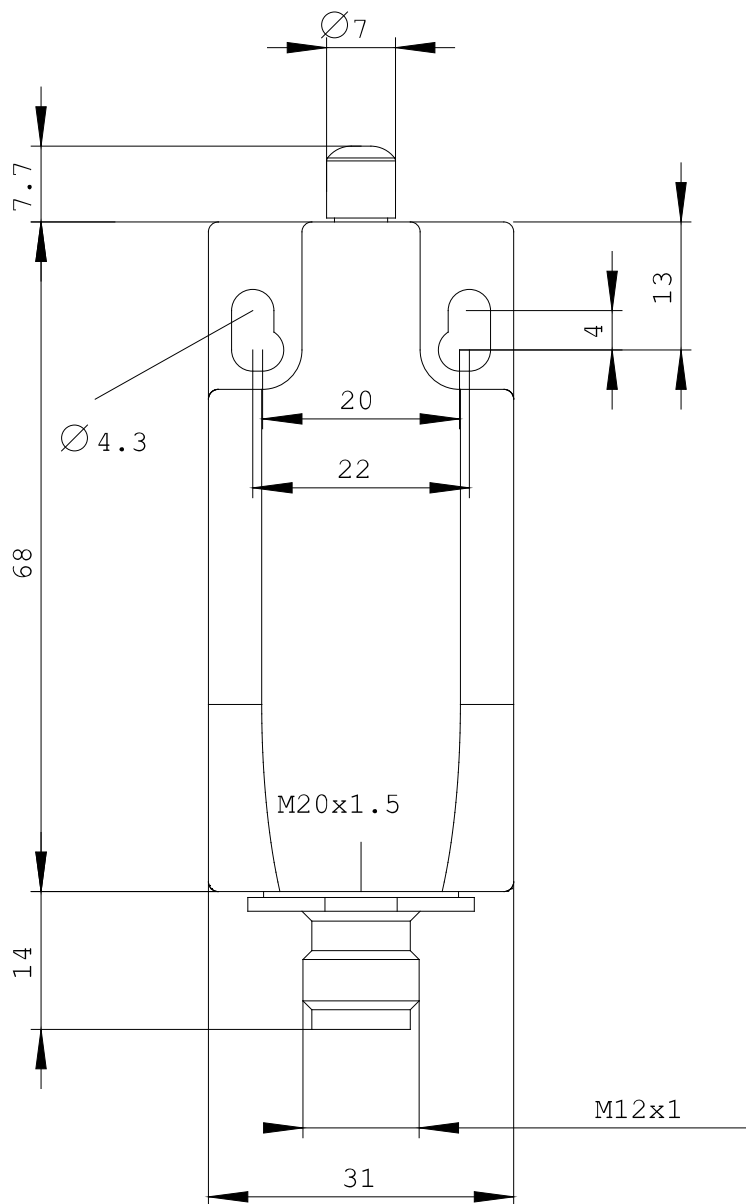
<http://www.siemens.com/cax>

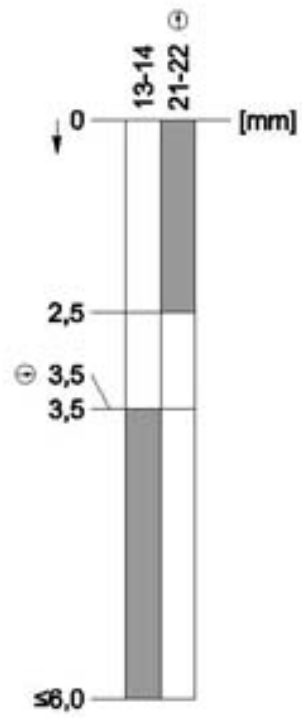
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5214-0BC05-1AC5/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5214-0BC05-1AC5





last change:

Feb 18, 2013