



SIRIUS POSITION SWITCH;
 MOLDED-PLASTIC ENCLOSURE WIDE,
 50MM CONNECTION 2X(M20X1.5);
 SNAP-ACT. CONTACTS 1NO/2NC W/M12 CONNECTOR,4-
 POLE,
 2NC CONNECTED ON THE RIGHT,
 PIN ASSIGNM.: PIN1=21, PIN2=22,
 PIN3=31, PIN4=32 MAX.250V AND 4A,
 ROLLER LEVER W/MOLDED PLASTIC ROLLER 13MM

Manufacturer article number

- of the basic unit included in the scope of supply
- of the actuator head for position switches included in the scope of supply

[3SE5244-0LC05-1AE0](#)

[3SE5000-0AE10](#)

General technical data:

Product designation		standard position switch
Explosion protection category for dust		none
Insulation voltage		
• rated value	V	250
Degree of pollution		class 3
Thermal current	A	4
Operating current		
• at AC-15		
• at 24 V / rated value	A	4
• at 125 V / rated value	A	4
• at 230 V / rated value	A	1.5
• at DC-13		
• at 24 V / rated value	A	3
• at 125 V / rated value	A	0.55
• at 230 V / rated value	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	1
Mechanical operating cycles as operating time		
• typical		15,000,000
Electrical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		10,000,000
• 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		snap-action contacts
Number of NC contacts		
• for auxiliary contacts		2
Design of the switching function		positive opening
Number of NO contacts		
• for auxiliary contacts		0
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
Width of the sensor	mm	50
Material		
• of the enclosure		plastic
Material / of the enclosure / of the switch head		plastic
Design of the operating mechanism		metal lever, plastic roller
Actuating speed	mm/s / m/s	0.1 ... 1
Minimum actuating force / in activation direction	N	10
Protection class IP		IP66/IP67
mounting position		any
Cable gland version		M12 plug
Design of the electrical connection		M12 plug, fixed
Design of the plug-in connection		M12 plug, 4-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 31, Pin 4 = 32
Reference code		
• according to DIN 40719 extended according to IEC 204-2		S
• according to DIN EN 61346-2		B

Certificates/ approvals:

General Product Approval



CCC



CSA



UL



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

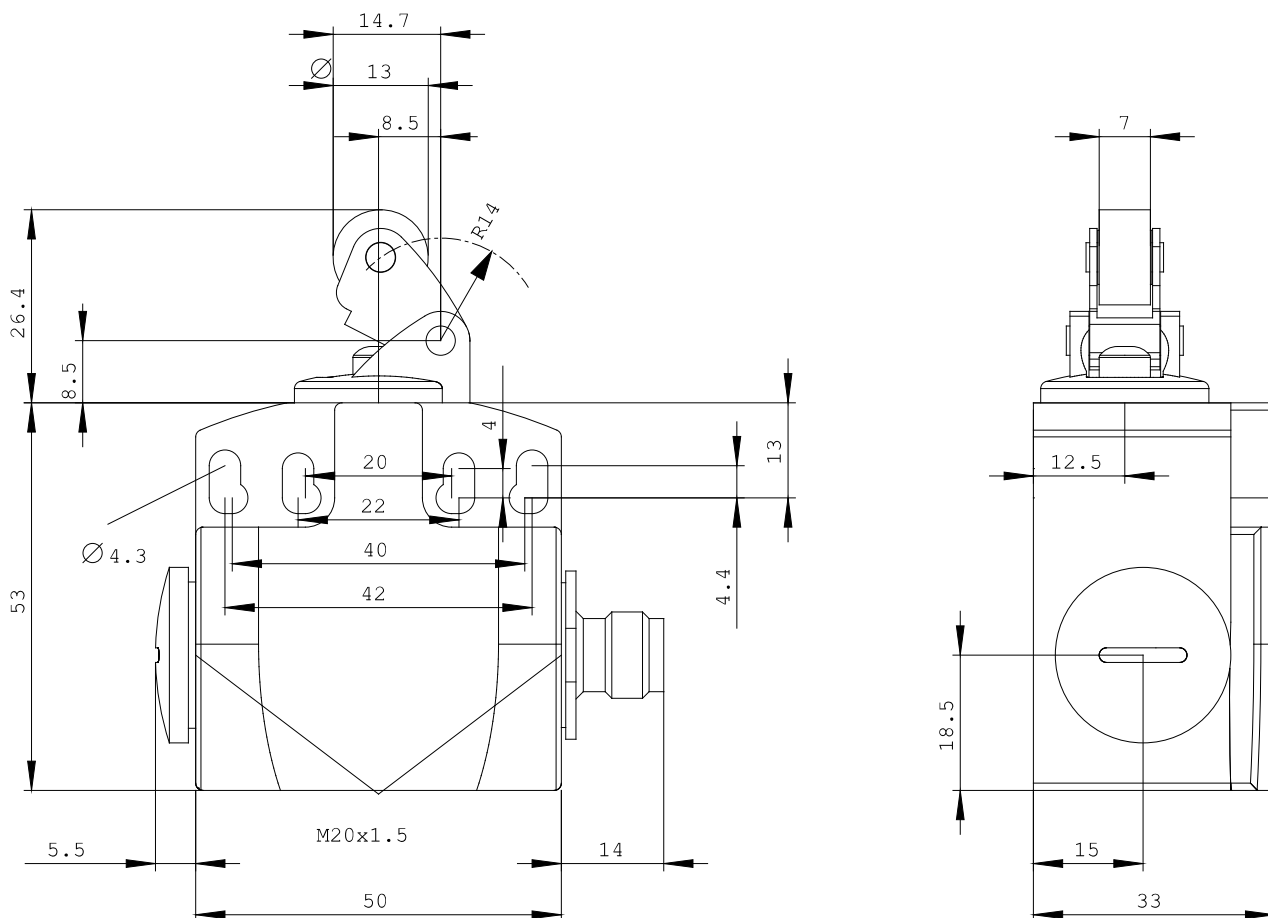
<http://www.siemens.com/cax>

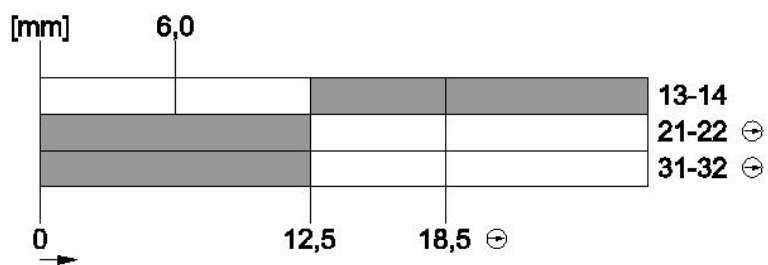
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5244-0LE10-1AE0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5244-0LE10-1AE0





last change:

Jul 28, 2014