



Figure similar

POSITION SWITCH WITH ROUNDED PLUNGER METAL ENCLOSURE, ACC. TO EN50047, ASISAFE INTEGRATED AS-I STATUS:1:F-IN1 , 2:F-IN2 3:AS-I/FAULT SLOW-ACTION CONTACTS 2NC, WITH M12 CONNECTOR 4-POLE CHANNEL 1 ON NC, CHANNEL 2 ON NC

Product designation	basic switch with ASIsafe
Manufacturer's article number	
of the supplied basic switch	3SF1214-1KC05-1BA1
General technical data	
Product function	
positive opening	Yes
Insulation voltage	
rated value	30 V
Degree of pollution	class 3
Surge voltage resistance rated value	0.8 kV
Protection class IP	IP66/IP67
Vibration resistance	
acc. to IEC 60068-2-6	0.35 mm/5g
Mechanical service life (switching cycles)	
typical	15 000 000
Equipment marking	
acc. to DIN EN 61346-2	B

• acc. to DIN EN 81346-2	B
Active principle	mechanical
Repeat accuracy	0.1 mm
Minimum actuating force in activation direction	20 N

Enclosure	
Design of the housing	block, narrow
Material of the enclosure	metal
Coating of the enclosure	cathodic immersion coating
Design of the housing acc. to standard	Yes

Drive Head	
Design of the operating mechanism	Other, without, ASi_basic switch with plug
Design of the switching function	positive opening

Connections/Terminals	
Type of electrical connection	M12 plug, fixed, 4-pole

Mechanical data	
Design of plug-in connection	M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI- , Pin 4 = not assigned

Ambient conditions	
Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +80 °C

Supply voltage	
Type of voltage of the supply voltage	
• of the optional LED indicator	DC
Supply voltage	
• of LED	24 V

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

Certificates/approvals			
General Product Approval	Declaration of Conformity	Test Certificates	other



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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=3SF1214-1KC05-1BA1>

Cax online generator

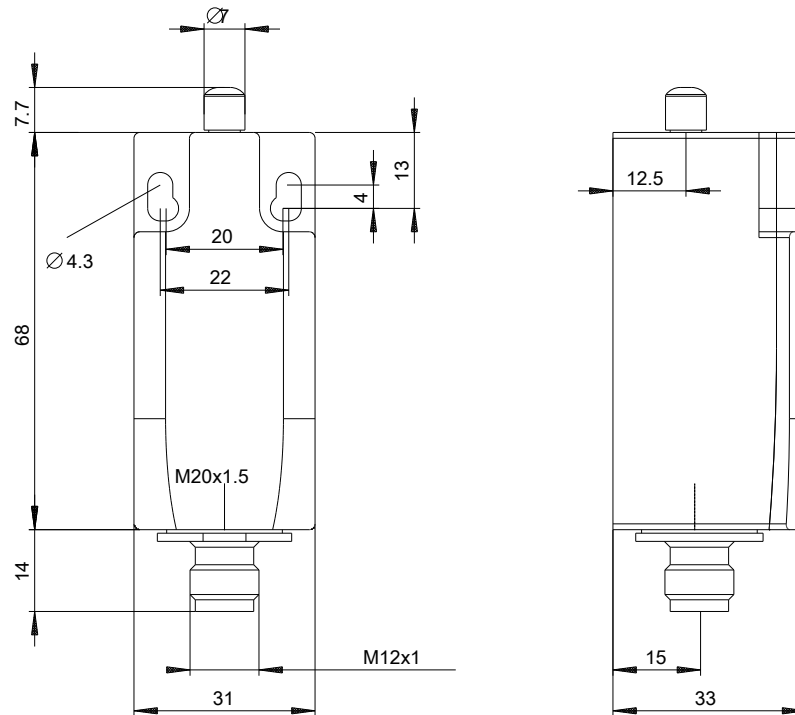
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SF1214-1KC05-1BA1>

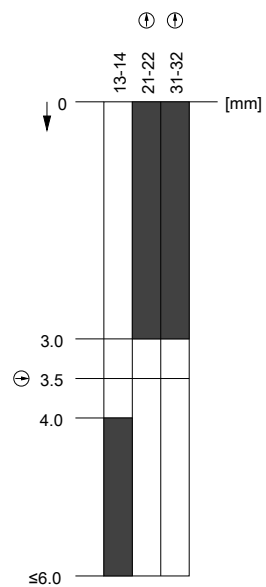
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SF1214-1KC05-1BA1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SF1214-1KC05-1BA1&lang=en





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