



BASIC SWITCH W/O ACTUATOR HEAD MOLDED-
PLASTIC ENCLOSURE,
ACC. TO EN50047,
ASISAFE INTEGRATED AS-I STATUS:1:F-IN1 ,
2:F-IN2 3:AS-I/FAULT SLOW-ACTION CONTACTS 2NC,
W/ M12 CONNECTOR 4-POLE CHANNEL 1 ON NC,
CHANNEL 2 ON NC

Manufacturer article number

- of the basic unit included in the scope of supply

[3SF1234-1KC05-1BA1](#)

General technical details:

product designation		basic switch with ASIsafe
Product feature		with integrated ASIsafe electronics
Type of voltage / of the supply voltage		
• of the optional LED display		DC
Insulation voltage		
• rated value	V	30
Degree of pollution		class 3
Mechanical operating cycles as operating time		
• typical		15,000,000
Repeat accuracy	mm	0.1
Design of the contact element		slow-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 ... +60
• during storage	°C	-40 ... +80
Product specification		
• for dimensions		EN 50047
Width of the sensor	mm	31
Material		
• of the enclosure		plastic
Design of the operating mechanism		teflon plunger
Actuating speed	mm/s / m/s	0.4 ... 1
Minimum actuating force / in activation direction	N	20
Protection class IP		IP65
mounting position		any
Design of the electrical connection		M12 plug, fixed, 4-pole
Design of the plug-in connection		M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI-, Pin 4 = not assigned
Item designation		
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750		S
• according to DIN EN 61346-2		B

Certificates/approvals:

General Product Approval



CCC



CSA



GOST



TÜV



UL



VDE

Functional Safety / Safety of Machinery

Declaration of Conformity

Test Certificates



VDE



EG-Konf.

[Special Test Certificate](#)

Further information:

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

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

Industry Mall (Online ordering system)

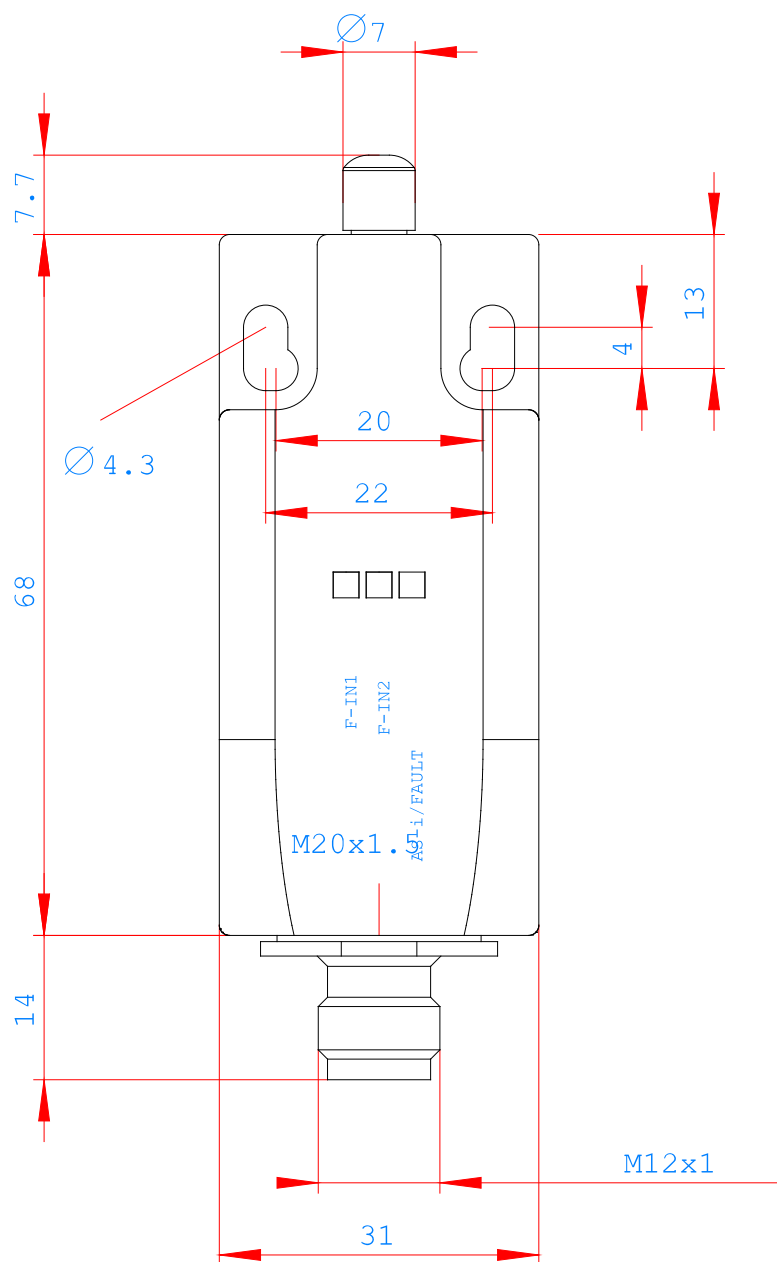
<http://www.siemens.com/industrial-controls/mall>

CAX-Online-Generator

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

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

<http://support.automation.siemens.com/WW/view/en/3SF1234-1KC05-1BA1/all>



last change:

Jan 21, 2013