SIEMENS

Product data sheet 3SF1244-1LC05-1BA2



BASIC SWITCH W/O ACTUATOR HEAD MOLDED-PLASTIC ENCLOSURE,
50 MM ASISAFE INTEGRATED AS-I STATUS:1:F-IN1,
2:F-IN2 3:AS-I/FAULT SNAP-ACTION CONTACTS 2NC,
W/ M12 CONNECTOR 4-POLE CHANNEL 1 ON NC,
CHANNEL 2 ON M12 SOCKET ON THE RIGHT

Manufacturer article number

• of the basic unit included in the scope of supply

3SF1244-1KC05-1BA2

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		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 +60
during storage	°C	-40 + 80
Width of the sensor	mm	50
Material		
of the enclosure		plastic
Design of the operating mechanism		teflon plunger
Actuating speed	mm/s / m/s	0.1 1
Minimum actuating force / in activation direction	N	20
Protection class IP		IP66/IP67
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		В

Certificates/approvals:

General Product Approval













Functional Safety / Safety of Machinery Declaration of Conformity

Test Certificates





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

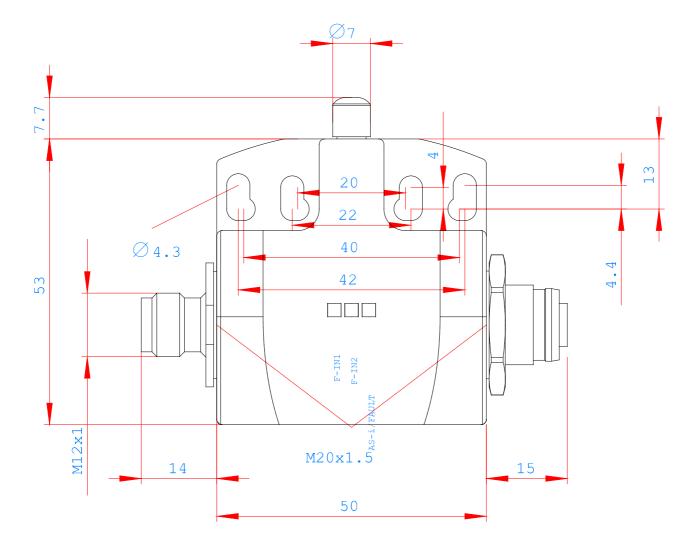
http://www.siemens.com/cax

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

 $\underline{\text{http://support.automation.siemens.com/WW/view/en/3SF1244-1LC05-1BA2/all}}$

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SF1244-1LC05-1BA2}}$



last change: Jan 21, 2013