SIEMENS

Product data sheet

3SF1244-1LC05-1BA2

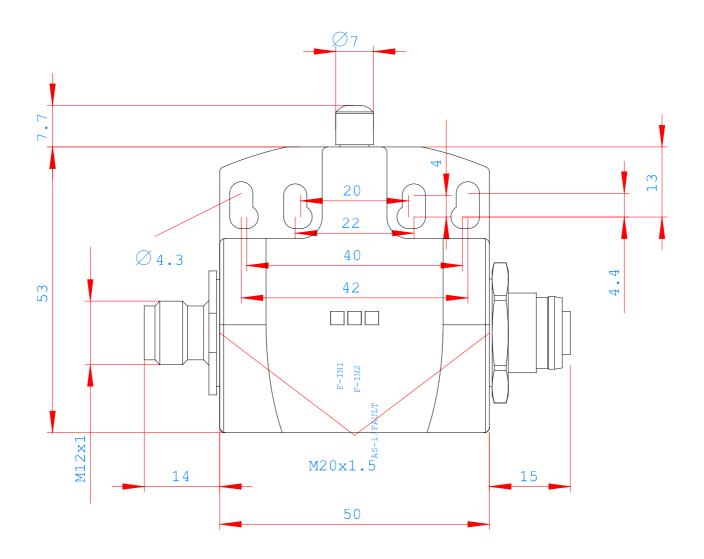


BASIC SWITCH W/O ACTUATOR HEAD MOLDED-PLASTIC ENCLOSURE,

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 / 1 ⁻	1 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 of Machinery	Safety /	Declaration of Conformity	Test Certificates	
GOST UL VDE	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/3SF1244-1LC05-					
Image database (product images, 2D dimension drawings, 3D mo http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SF12-			grams,)		



last change:

Jan 21, 2013