SIEMENS

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 SLOW-ACTION CONTACTS 1NC, 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 data:		
Product designation		basic switch with ASIsafe
Product feature		with integrated ASIsafe electronics
Type of voltage / of the supply voltage		
• of the optional LED indicator		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
Width of the sensor	mm	50
Material		
• of the enclosure		plastic
Design of the operating mechanism		teflon plunger
Actuating speed	mm/s / m/s	0.4 … 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
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S
• according to DIN EN 61346-2		B

Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates
EAC (UL) UL	CE EG-Konf.	Special Test Certificate

Further information:

Information- and Downloadcenter (Catalogs, Brochures,…)
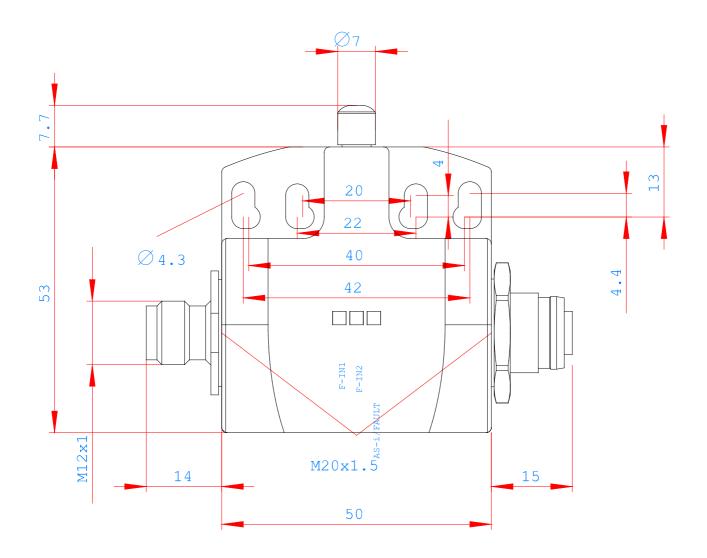http://www.siemens.com/industrial-controls/catalogs

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/3SF1244-1KC05-1BA2/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SF1244-1KC05-1BA2

Ø7

7.7

Ø4.3

53

M12x1

20

22

40

42

4

13

4.4

F-IN1
F-IN2
AS-i/FAULT

M20x1.5

14

15

50

04/01/2014