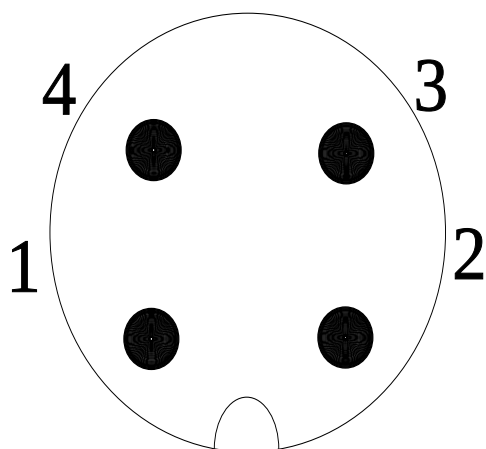




Basic switch without actuator head Plastic enclosure, EN 50047 ASIsafe integrated AS-i status: 1:F-IN1, 2: F-IN2 3:AS-i/FAULT Slow-action contacts 2 NC with M12 connector 4-pole Channel 1 to NC, Channel 2 to NC

product brand name	SIRIUS
product designation	Mechanical safety switches
product type designation	3SF12
manufacturer's article number	
• of the supplied basic switch	3SF1234-1KC05-1BA1
suitability for use safety switch	Yes
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	IP65
shock resistance according to IEC 60068-2-27	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	15 000 000
reference code according to IEC 81346-2	B
active principle	mechanical
repeat accuracy	0.1 mm
Substance Prohibitance (Date)	03/01/2017
minimum actuating force in directions of actuation	20 N
AS-Interface slave profile	0.B.F
ID1 code	F (hex, variable 0...F)
length of the sensor	89.7 mm
width of the sensor	31 mm
Ambient conditions	
ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +80 °C
design of the switching contact	mechanical
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	0
Enclosure	
design of the housing	block, narrow
material of the enclosure	plastic
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	Other, without, ASi_basic switch with plug
design of the switching function	positive opening
circuit principle	slow-action contacts
number of switching contacts safety-related	2



1	→	ASI +
2	→	n. c.
3	→	ASI -
4	→	n. c.

last modified:

12/21/2020 