



Manufacturer article number / of the basic unit included in the scope of supply

[3SF1124-1KA00-1BA2](#)

General technical details:

Product feature		with integrated ASIsafe electronics
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Type of voltage / of the supply voltage		
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- of the optional LED display

DC

Insulation voltage		
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- rated value

V

30

Degree of pollution		
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class 3

Mechanical operating cycles as operating time		
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- typical

15,000,000

Repeat accuracy		
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mm

0.1

Design of the contact element		
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slow-action contacts

Number of NC contacts		
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- for auxiliary contacts

2

Design of the switching function		
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positive opening

Number of NO contacts		
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- for auxiliary contacts

0

Resistance against vibration		
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0.35 mm / 5g

Resistance against shock		
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30g / 11 ms

Ambient temperature • during operating • during storage	°C	-25 ... +60
	°C	-40 ... +80
Width of the sensor	mm	56
Material • of the enclosure		metal
Actuating speed	mm/s /	0.4
Protection class IP		IP66/IP67
mounting position		any
Design of the electrical connection		plug M12
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 • according to DIN EN 61346-2		S
		B

Certificates/approvals:

General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity	Test Certificates	other
 GOST	 UL	 VDE	 EG-Konf.	Special Test Certificate other

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

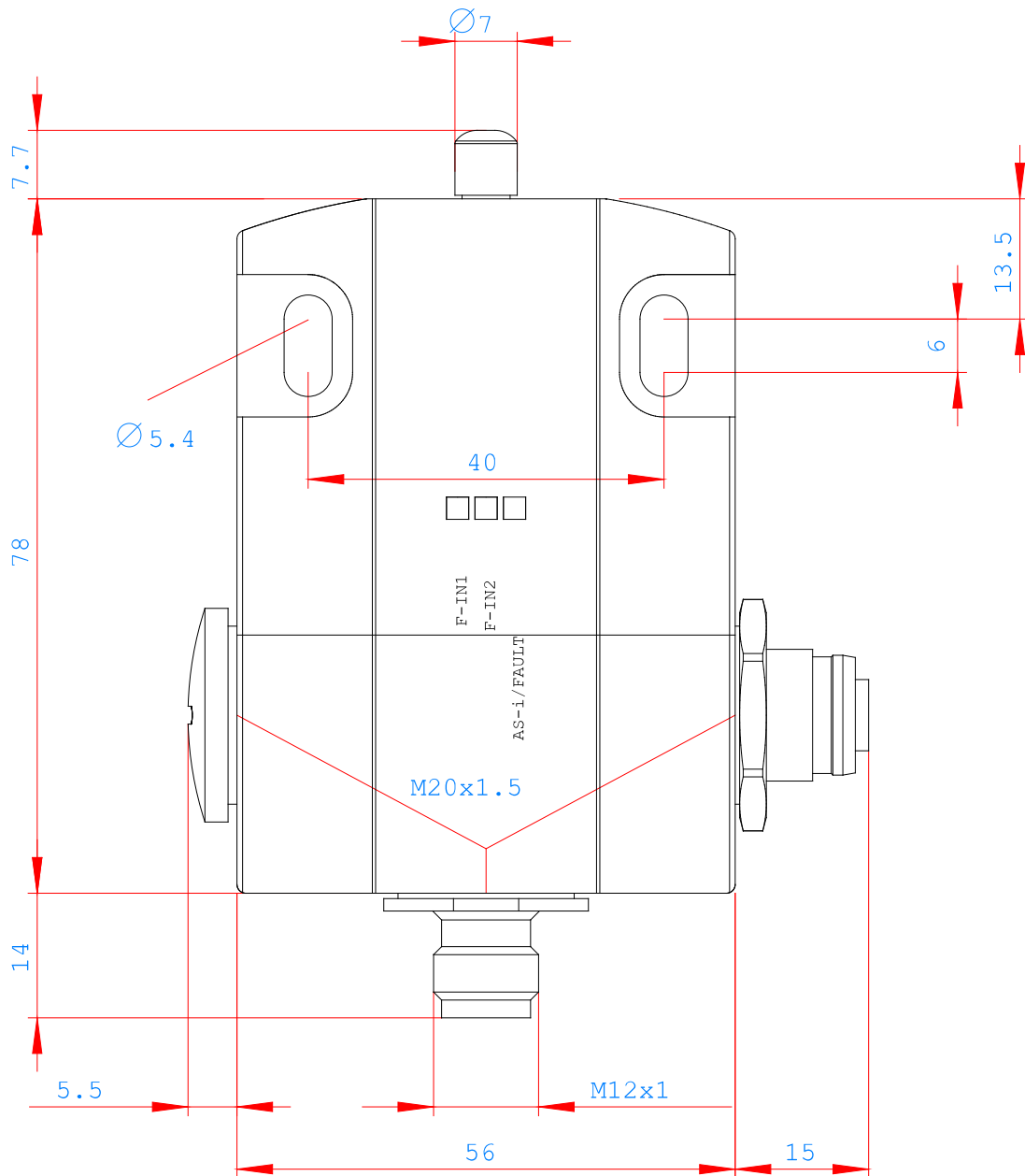
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SF1124-1KA00-1BA2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SF1124-1KA00-1BA2



last change:

Jan 21, 2013