



Manufacturer article number / of the basic unit included in the scope of supply	3SF1114-1LA00-1BA1
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General technical details:		
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
Product specification		
• for dimensions		EN 50041
Width of the sensor	mm	40
Material		
• of the enclosure		metal
Actuating speed	mm/s /	0.1
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		S
• according to DIN EN 61346-2		B

Certificates/approvals:

General Product Approval



CCC



CSA



GOST



TUV



UL



VDE

Functional Safety /
Safety of
Machinery

Declaration of
Conformity

Test Certificates

other



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/3SF1114-1LA00-1BA1/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SF1114-1LA00-1BA1

