

RFID NON-CONTACT SAFETY SWITCH RECTANGULAR 25MM X 91MM, INDIVIDUALLY CODED, SINGLE TEACH-IN CAPABILITY WITH M12 CONNECTOR 8-POLE ORDER ACTUATOR SEPARATELY 3SE6310-0BC01



Product designation	RFID safety switch
Design of the product	RFID safety cut-out switch
Suitability for use safety-related circuits	Yes

General technical data

Product function	
- positive opening - cross-circuit/short-circuit recognition	No Yes
Product feature	individually coded, learnable once, without magnet latching
Type of voltage of the operating voltage	DC
Protection class IP	IP65, IP67, IP69k
Shock resistance	
acc. to IEC 60068-2-27	Sinusoidal half-wave 30g / 11 ms
Vibration resistance	
acc. to IEC 60068-2-6	10 ... 55 Hz: 1 mm
Type of voltage	DC
Height of the sensor	22 mm
Length of the sensor	106 mm
Width of the sensor	25 mm
Material of the active sensor area	plastic

Mechanical installation condition for sensor	flush installation possible
Operating voltage rated value	24 V
Operating current rated value	600 mA
Enclosure	
Material of the enclosure	plastic
Material of cable sheath	PVC
Actuator	
Design of the operating mechanism	RFID
Contact	
Switching frequency	1 Hz
Operating distance	12 mm
Safe operating distance OFF	16 mm
Safe operating distance ON	10 mm
Design of the switching function	positive switching
Number of switching contacts for signaling function • safety-related	1
Connections/Terminals	
Type of electrical connection	connector M12
Safety related data	
Safety Integrity Level (SIL) acc. to IEC 61508	SIL3
Performance level (PL) acc. to EN ISO 13849-1	e
Category acc. to EN 954-1	4
Design of the interface for safety-related communication	connector M12
Ambient conditions	
Ambient temperature • during operation	-25 ... +70 °C
Supply voltage	
Supply voltage	26.4 ... 20.4 V
Inputs/ Outputs	
Output current	0.5 A
Output current at safety-related output maximum	0.25 A
Display	
Evaluation version required	yes
Installation/ mounting/ dimensions	
Mounting type	screw fixing
Certificates/approvals	

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	other
--------------------------	---------------------------------------	---------------------------	-------



Baumusterprüfbesc
heinigung



Bestätigungen

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE6315-0BB03>

Cax online generator

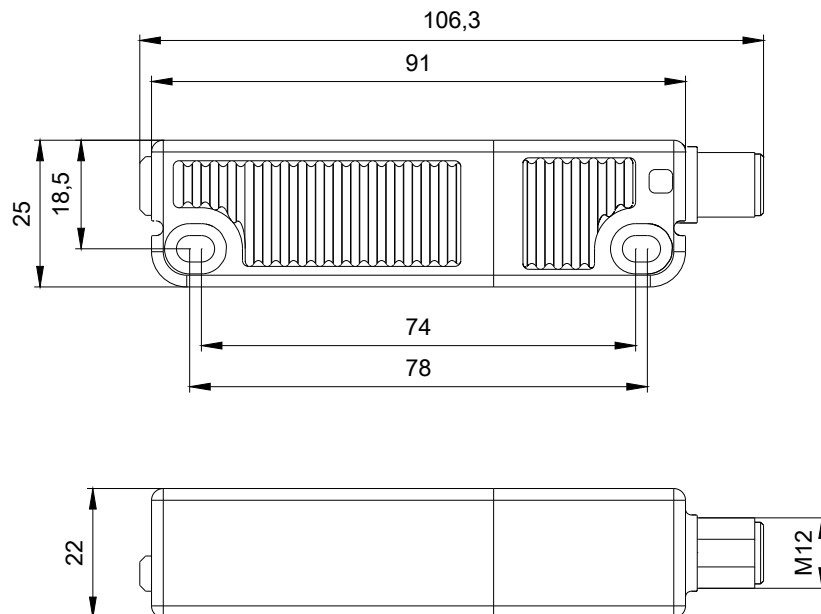
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE6315-0BB03>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE6315-0BB03>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE6315-0BB03&lang=en



last modified:

10/17/2016