



RFID NON-CONTACT SAFETY SWITCH RECTANGULAR
25MM X 91MM,
INDIVIDUALLY CODED,
MULTIPLE TEACH-IN CAPABILITY WITH M12
CONNECTOR 8-POLE AND MAGNETIC LATCHING,
ORDER ACTUATOR SEPARATELY 3SE6310-1BC01

General technical data:

Product designation		RFID safety switch
Product feature		individually coded, learnable multiple times, with magnet latching
Design of the product		RFID safety cut-out switch
Design of the operating mechanism		RFID
Product function / cross circuit/short circuit recognition		Yes
Product function / positive opening		No
Output current / minimum	A	0.5
Output current / at the safety-related output / maximum	A	0.25
Type of voltage		DC
Supply voltage	V	20.4 ... 26.4
Voltage type / of operating voltage		DC
Operating voltage / rated value	V	24
Operating current / rated value	A	0.6
Shock resistance / according to IEC 60068-2-27		Sinusoidal half-wave 30g / 11 ms
Resistance against vibration / according to IEC 60068-2-6		10 ... 55 Hz: 1 mm
Suitability for use / safety-related circuits		Yes
Design of the interface / for safety-related communication		connector M12
Operating distance	mm	12

Switching frequency	Hz	1
Secure switching distance OFF:	mm	16
Secure switching distance ON	mm	10
Design of the evaluation unit / required		yes

Enclosure:

Mounting type		screw fixing
Material • of the enclosure • of the cable sheath • of the active sensor area		plastic PVC plastic
Height of the sensor	mm	22
Length of the sensor	mm	106
Width of the sensor	mm	25
Mechanical installation condition for sensor		flush installation possible

Contact:

Design of the switching function		positive switching
Number of switching contacts / for reporting function / safety-related		1
Design of the electrical connection		connector M12

Ambient conditions:

ambient temperature • during operating	°C	-25 ... +70
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Certificates/ approvals:

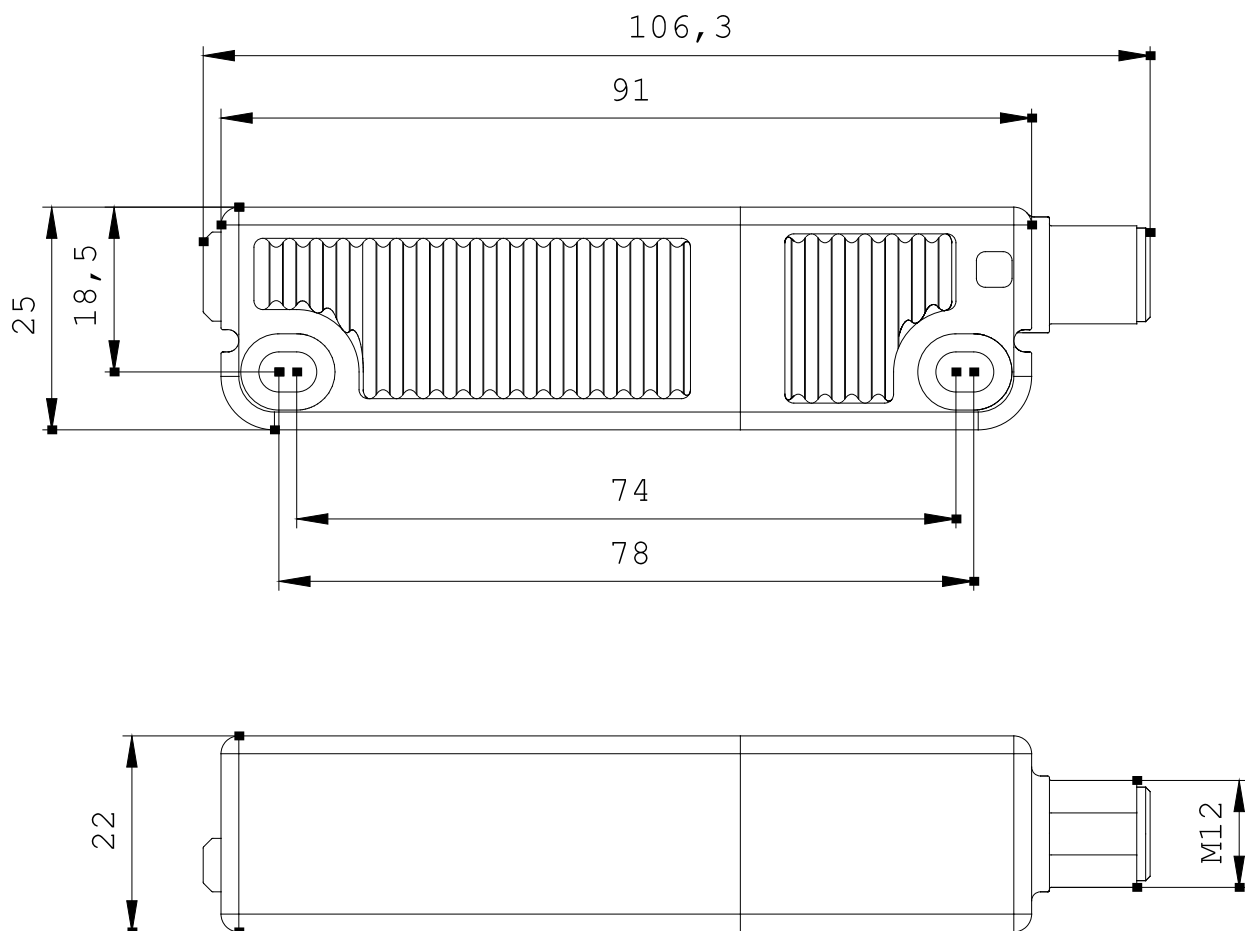
Protection class IP			IP65, IP67, IP69k
Verification of suitability			cURus
Safety Integrity Level (SIL) / according to IEC 61508			SIL3
Performance level (PL) / according to EN ISO 13849-1			e
Category / according to EN 954-1			4
General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity	other



[Declaration of Conformity](#)

Further information:

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



last change:

Jul 28, 2014