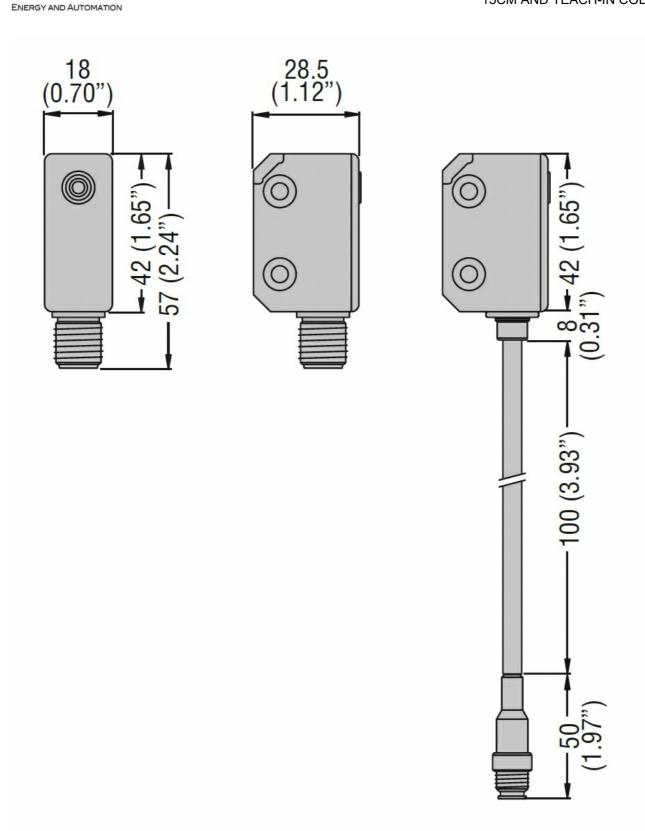


RFID SAFETY SENSORS SSF... SERIES, 8-PIN VERSION, WITH M12 PIGTAIL CONNECTOR 15CM AND TEACH-IN CODING TYPE



RFID safety sensor General characteristics Teach-in 10mm (X axis); 5mm (X axis);	Product designation					SSF
General Characteristics Coding type Teach-in 10mm (X axis); 5mm (X axis); 5mm (Y axis); 5mm (Y axis); 5mm (Y axis); 5mm (X a	Product type designation					
Coding type Teach-in 10mm (X axis); 5mm (X axi	General characteristics					
Switching distance nm 10mm (X axis); 5mm (Y axis); 5mm (Z axis) Contact characteristics Type of contact OSSD Auxiliary supply 24VDC Operating range V 1928 Insulation voltage kV 0.3 Insulation voltage Nr. 2 Insulation voltage Nr. 2 Insulation voltage Nr. 2 Insulation voltage Nr. 2 Start/Restart inputs and EDM nr. 1 Output characteristics Nr. 2 Number of safe OSSD outputs nr. 2 Number of feedback outputs nr. 2 Output contacts ratings 300mA 300mA Safety parameters Cat. 4 ISO 13849-1 security category Cat. 4 Scoliation conditions PLe Mechanical features M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions Image: C <td colspan="5">General characteristics</td> <td></td>	General characteristics					
Switching distance mm 5mm (Y axis); 5mm (Y	Coding type					Teach-in
Type of contact SSD Auxiliary supply Sulfiary supply Sul	Switching distance				mm	5mm (Y axis);
Auxiliary supply	Contact characteristics					
Nominal auxiliary voltage supply 24VDC Operating range v 1928 Insulation voltage kV 0.3 Input characteristics v 2 Number of inputs Nr. 2 Start/Restart inputs and EDM nr. 1 Output characteristics v 1 Number of Safe OSSD outputs nr. 2 Number of feedback outputs nr. 1 Output contacts ratings 300mA Safety parameters 2 Cat. 4 ISO 13849-1 security category Cat. 4 Petermonance level Mechanical features min 2 Cat. 4 Petermonance level Mechanical features min 2 Cat. 4 Min 2 Pigtail connector 15cm Fixing Both directions Both directions Weight g 56 Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 2 Temperature min 2 Cat. 4 -25 max 2 Cat. 4 -70 -25 max	Type of contact					OSSD
Operating range V 1928 Insulation voltage kV 0.3 Input characteristics V 2 Number of inputs Nr. 2 Start/Restart inputs and EDM nr. 1 Output characteristics Nr. 1 Number of safe OSSD outputs nr. 2 Number of feedback outputs Nr. 1 Output contacts ratings 300mA 300mA Safety parameters Solidate an incompanies of the public of	Auxiliary supply					
Insulation voltage	Nominal auxiliary voltage supply					24VDC
Imput characteristics	Operating range				V	1928
Number of inputs Nr. 2 Start/Restart inputs and EDM nr. 1 Output characteristics Image: Common of the part of the	Insulation voltage				kV	0.3
Start/Restart inputs and EDM nr. 1 Output characteristics Number of safe OSSD outputs nr. 2 Number of feedback outputs Nr. 1 Output contacts ratings 300mA Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe Mechanical features M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions IP67 and IP69K Pollution degree 2 Temperature min °C -25 Repairing temperature min °C -25 Storage temperature min °C -25 Relative humidity % <90%	Input characteristics					
Output characteristics Number of safe OSSD outputs nr. 2 Number of feedback outputs Nr. 1 Output contacts ratings 300mA Safety parameters USD 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe Mechanical features Weight M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 Temperature	Number of inputs				Nr.	2
Number of safe OSSD outputs nr. 2 Number of feedback outputs Nr. 1 Output contacts ratings 300mA Safety parameters Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe Mechanical features M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions IP67 and IP69K Pollution degree IP67 and IP69K Pollution degree 2 Temperature min °C -25 max °C +70 Storage temperature min °C -25 max °C +70 Relative humidity % < 90%	Start/Restart inputs and EDM				nr.	1
Number of feedback outputs Nr. 1 Output contacts ratings 300mA Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe Mechanical features M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 Temperature min °C -25 max °C +70 Storage temperature min °C -25 max °C +70 Relative humidity % <90%	Output characteristics					
Output contacts ratings 300mA Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe Mechanical features M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 Temperature min °C -25 Max °C +70 Storage temperature min °C -25 max °C +70 Relative humidity % < 90%	Number of safe OSSD outputs				nr.	2
Safety parameters ISO 13849-1 security category Cat. 4 ISO 13849-1 performance level PLe	Number of feedback outputs				Nr.	1
SO 13849-1 security category PLe	Output contacts ratings					300mA
SO 13849-1 performance level PLe	Safety parameters					
Mechanical features Cable connection M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 Temperature Temperature min °C -25 max °C +70 Storage temperature Storage temperature min °C -25 max °C +70 Relative humidity % < 90%	ISO 13849-1 security category					Cat. 4
M12 Pigtail connector 15cm Fixing Both directions Weight g 56 Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 Temperature min °C -25 max °C +70 Storage temperature min °C -25 Material Relative humidity Material Relative humidity	ISO 13849-1 performance level					PLe
Cable Connection Connection 15cm	Mechanical features					
Weight g 56 Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 Temperature min °C -25 max °C +70 Storage temperature min °C -25 max °C +70 Relative humidity % <90%	Cable connection					connector 15cm
Ambient conditions Protection degree IP67 and IP69K Pollution degree 2 Temperature min °C -25 max °C +70 Storage temperature min °C -25 max °C +70 Relative humidity % < 90%						
Pollution degree 2					g	56
Operating temperature	Protection degree					IP67 and IP69K
Operating temperature min or contact of contact	Pollution degree					2
Operating temperature min or contact of contact	Temperature					
min o C -25 max o C +70		Operating temperature				
Storage temperature min °C -25 max °C +70 Relative humidity % <90%				min	°C	-25
min °C -25 max °C +70 Relative humidity % <90%				max	°C	+70
min °C -25 max °C +70 Relative humidity % <90%	Storage temperature					
Relative humidity % <90%				min	°C	-25
·				max	°C	+70
Dimensions	Relative humidity				%	<90%
	Dimensions					

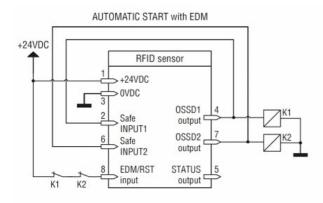
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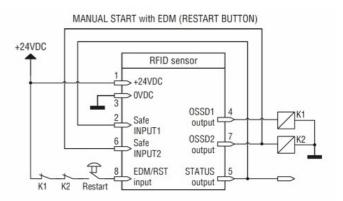


Wiring diagrams

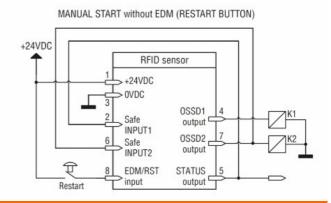
ENERGY AND AUTOMATION

RFID SAFETY SENSORS SSF... SERIES, 8-PIN VERSION, WITH M12 PIGTAIL CONNECTOR 15CM AND TEACH-IN CODING TYPE





AUTOMATIC START without EDM +24VDC RFID sensor +24VDC > OVDC OSSD1 Safe output C INPUT1 OSSD2 Safe output INPUT2 EDM/RST STATUS output -



Certifications and compliance

Compliance

Cat. 4

EN/BS 61508-1(SIL 3)

EN/BS 61508-2 (SIL 3)

EN/BS 61508-3 (SIL3)

IEC/BS 62061 (max. SIL 3).

PLe according to EN/BS 13849-1

Certificates

cULus

TÜV

ETIM classification

ETIM 8.0

EC001449 -Device for monitoring of safety-related circuits