

RFID SAFETY SENSORS SSF... SERIES, 8-PIN VERSION, WITH M12 CONNECTOR AND GENERIC CODING TYPE

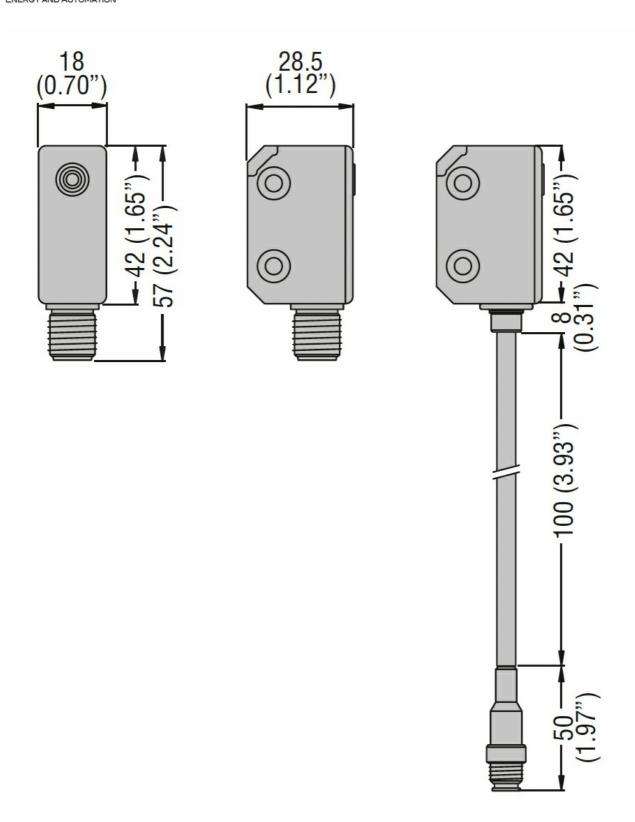


Product designation						SSF
Product type designation					RFID safety sensor	
General characteristics						
General characteristics						
Coding type					Generic	
Switching distance					mm	10mm (X axis); 5mm (Y axis); 5mm (Z axis)
Contact characteristics						
Type of contact						OSSD
Auxiliary supply						
Nominal auxiliary voltage supply						24VDC
Operating range					V	1928
Insulation voltage				kV	0.3	
Input characteristics						
Number of inputs				Nr.	2	
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						
Cable connection					M12 connector	
Fixing						Both directions
Weight					g	44
Ambient conditions						
Protection degree						IP67 and IP69K
Pollution degree						2
Temperature						
	Operating temperature	Э				
				min	°C	-25
				max	°C	+70
	Storage temperature					
				min	°C	-25
				max	°C	+70
Relative humidity					%	<90%
Dimensions						

GENERIC CODING TYPE



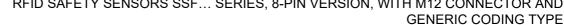
ENERGY AND AUTOMATION

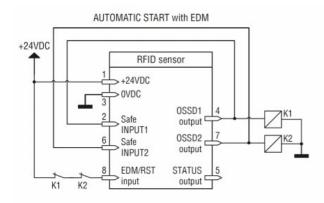


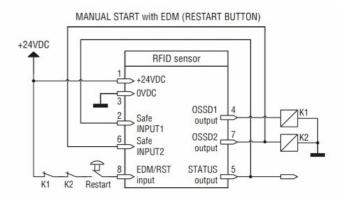
Wiring diagrams

ENERGY AND AUTOMATION

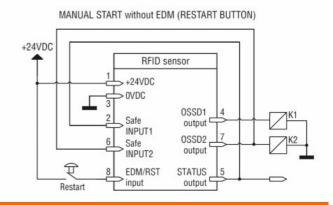
RFID SAFETY SENSORS SSF... SERIES, 8-PIN VERSION, WITH M12 CONNECTOR AND







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