SSF8TM

RFID SAFETY SENSORS SSF… SERIES, 8-PIN VERSION, WITH M12 CONNECTOR AND TEACH-IN CODING TYPE

Product designation			SSF
Product type designation			RFID safety sensor
General characteristics			
General characteristics			
Coding type			Teach-in
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	19…28
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		
	min	°C	-25
	max	°C	+70
	Storage temperature		
	min	°C	-25
	max	°C	+70
Relative humidity		%	<90%
Dimensions			

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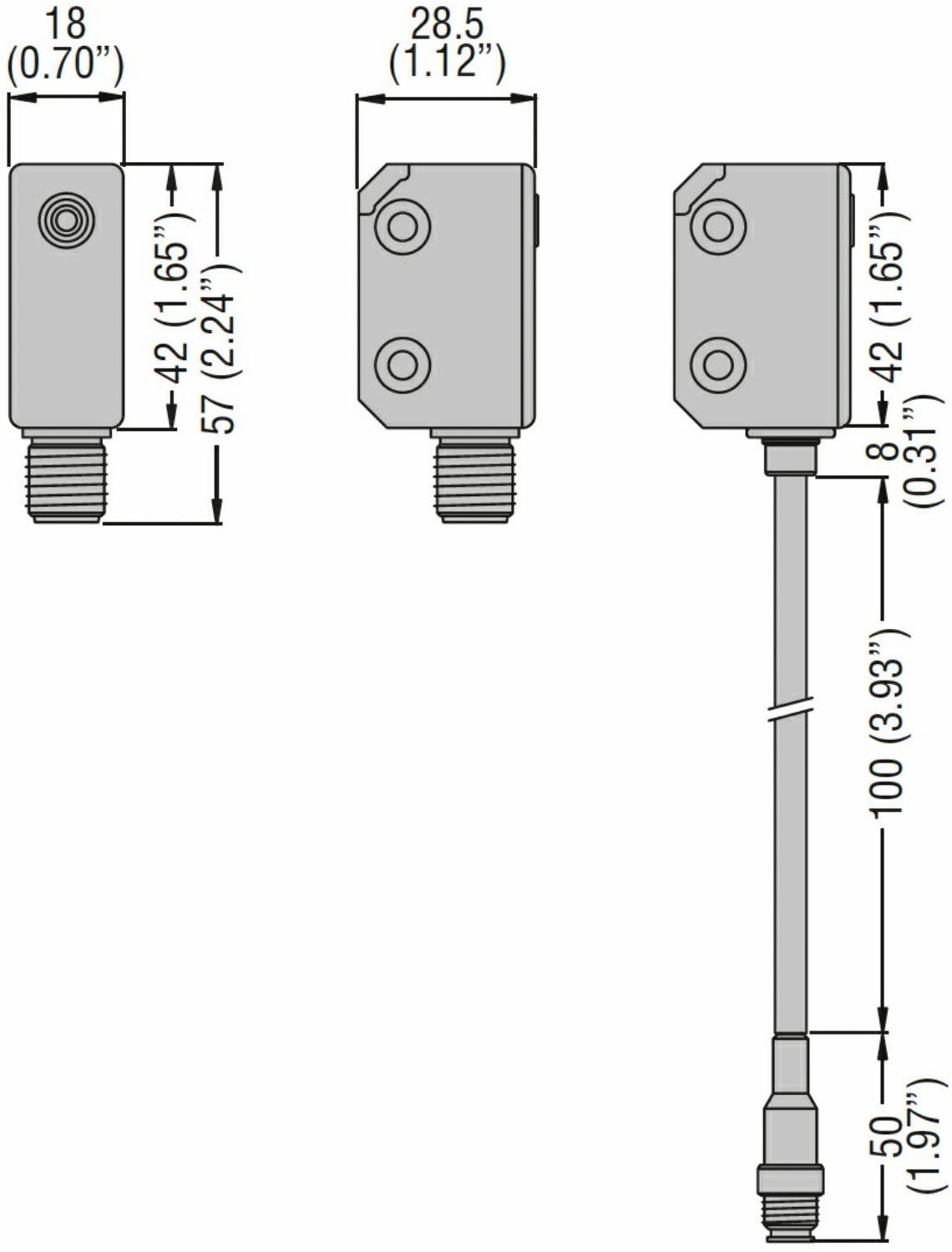

Wiring diagrams

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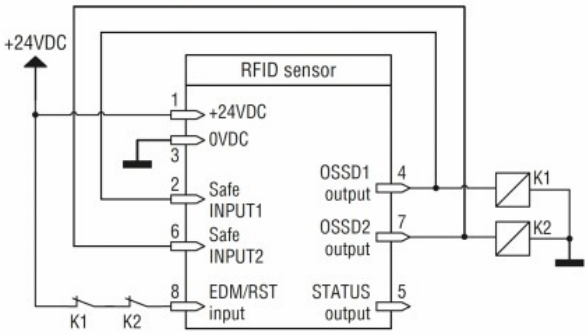
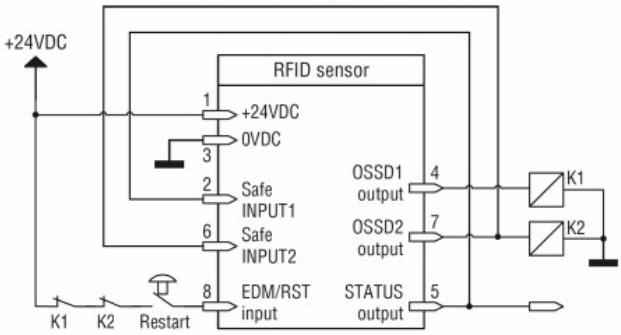
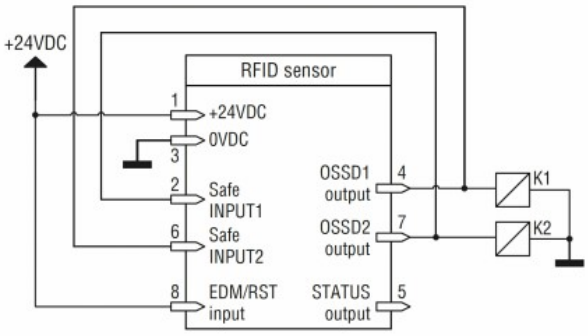
AUTOMATIC START with EDM



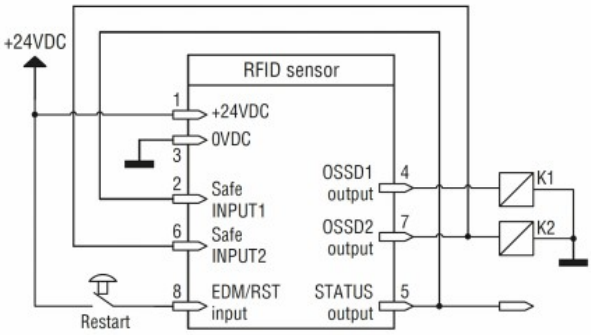
MANUAL START with EDM (RESTART BUTTON)



AUTOMATIC START without EDM



MANUAL START without EDM (RESTART BUTTON)



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

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