SSF8GM

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	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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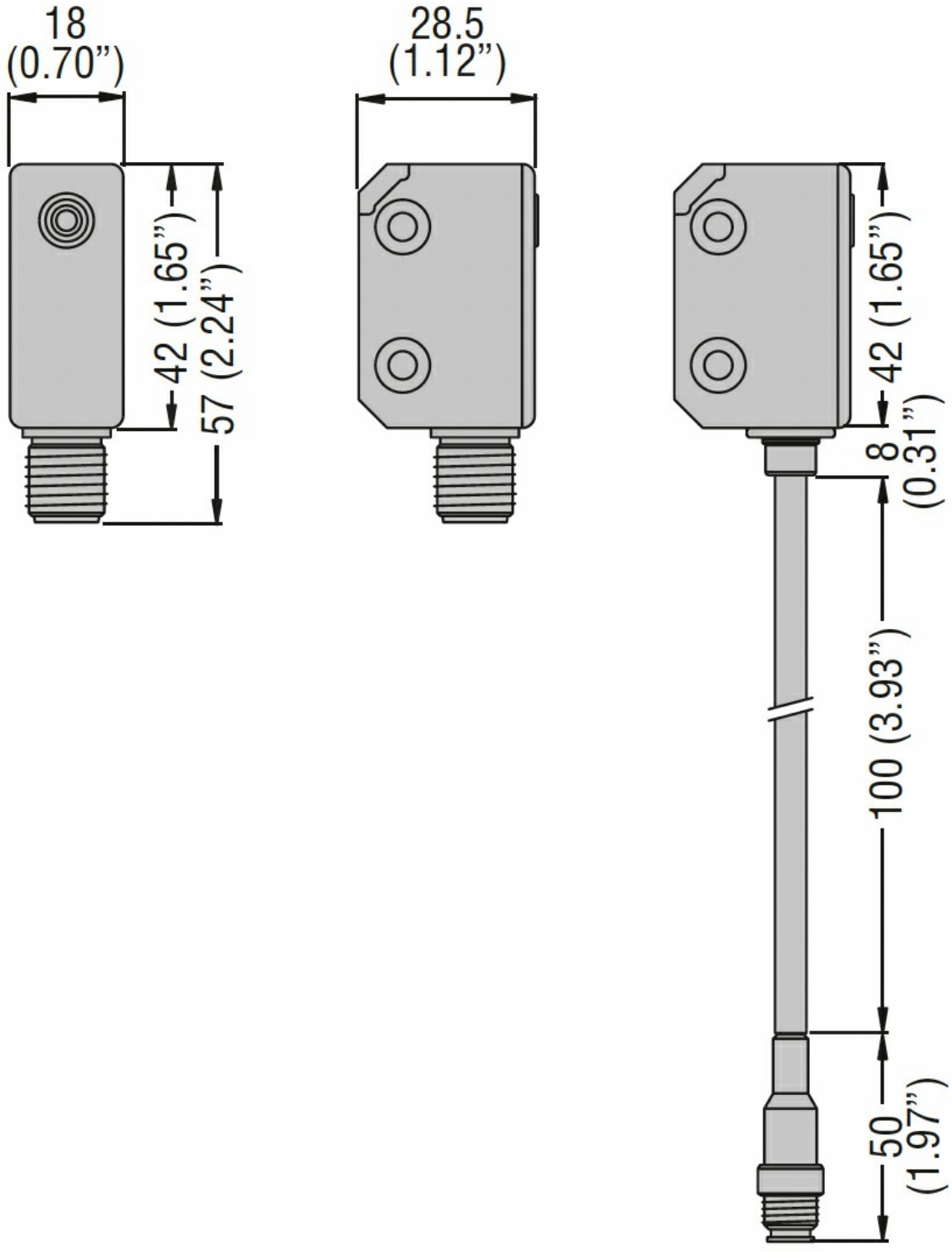

Wiring diagrams

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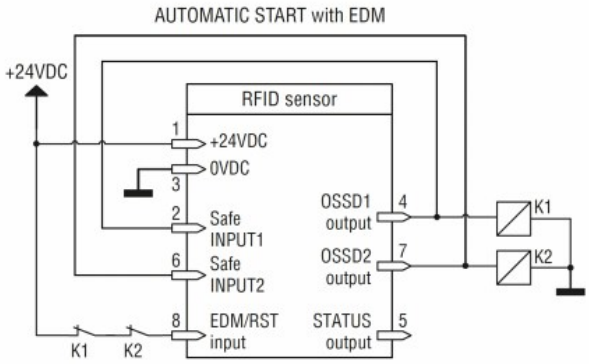

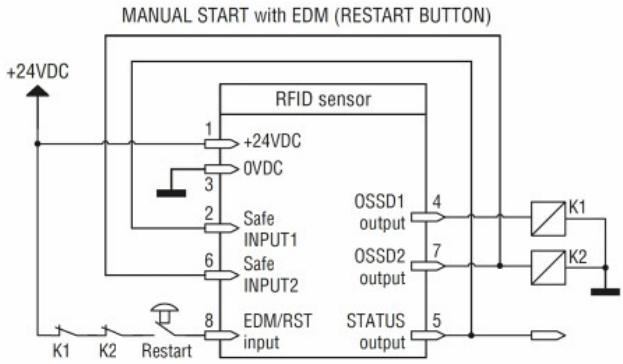

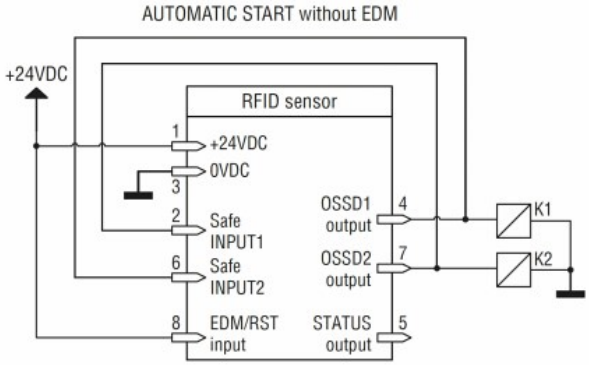

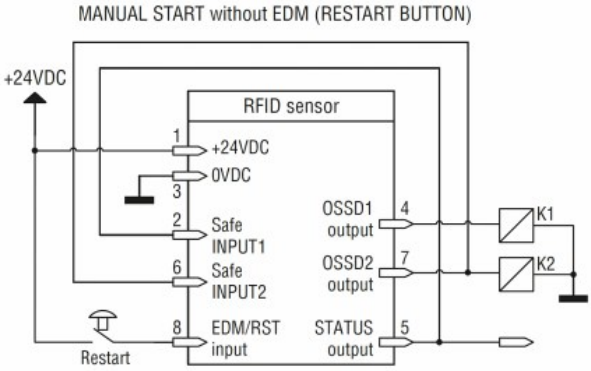

Certifications and compliance

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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