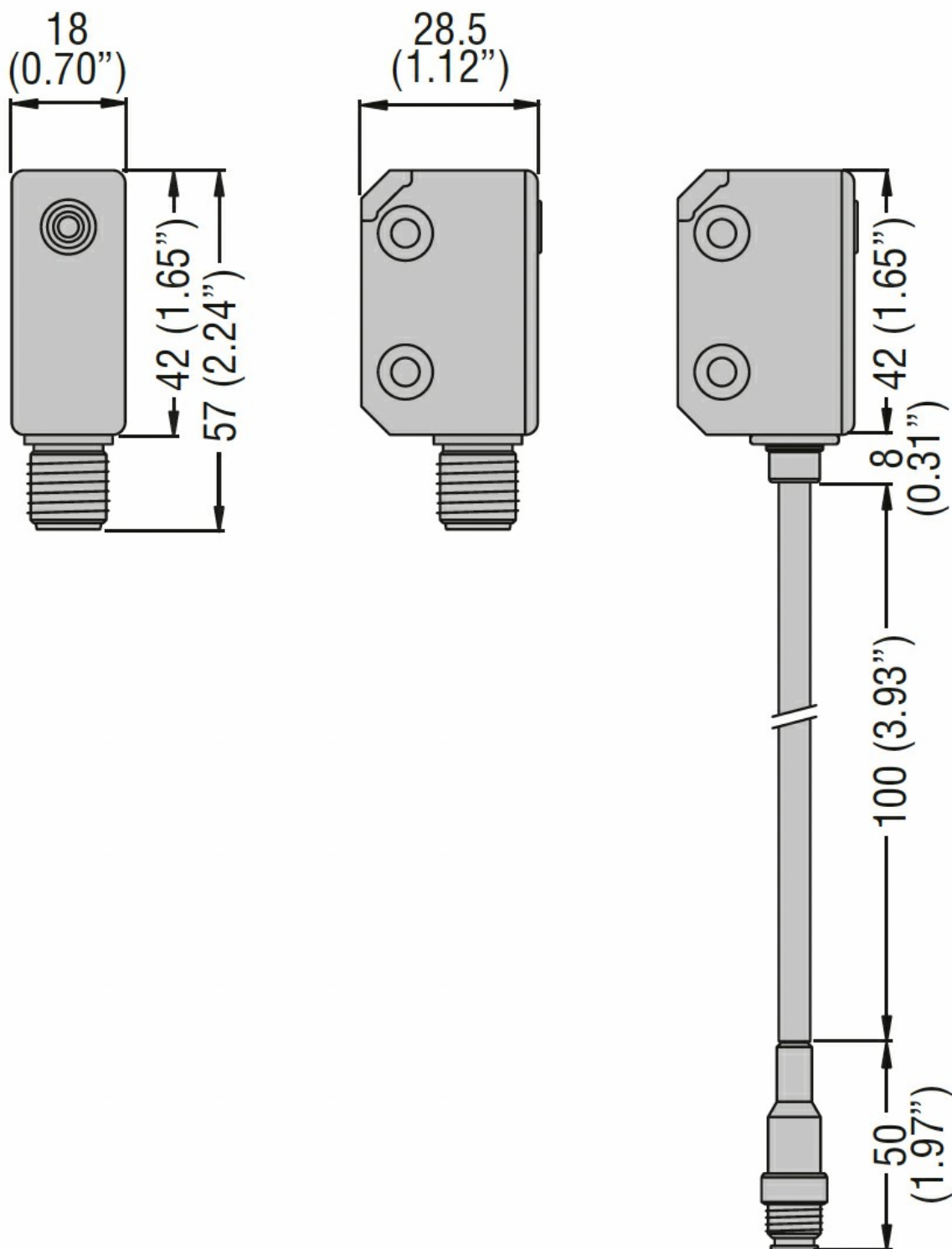
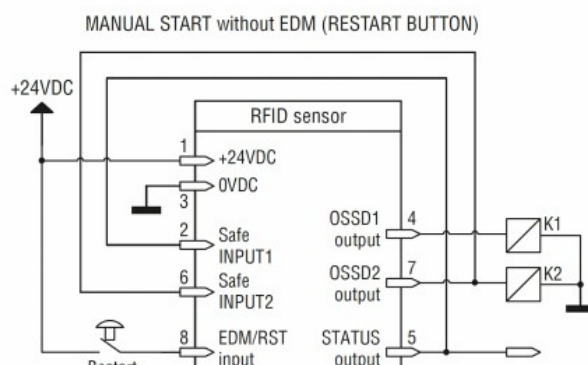
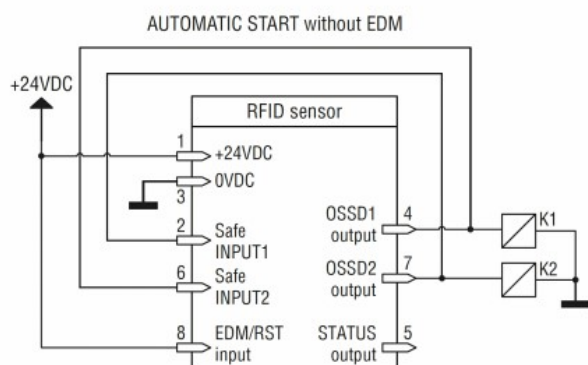
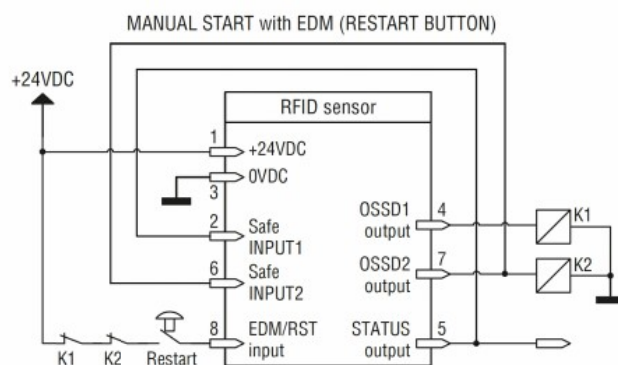
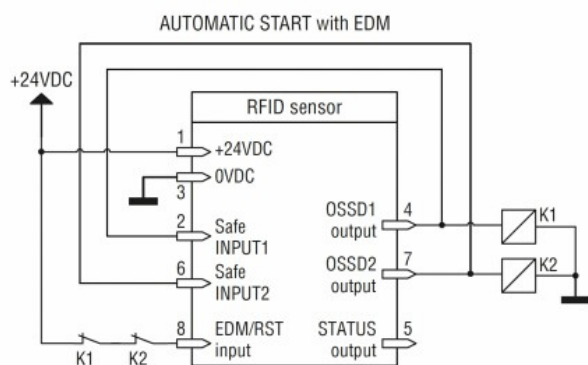




Product designation			SSF	
Product type designation			RFID safety sensor	
General characteristics				
General characteristics				
Coding type			Teach-in	
Switching distance			mm	10mm (X axis); 5mm (Y axis); 5mm (Z axis)
Contact characteristics				
Type of contact			OSSD	
Auxiliary supply				
Nominal 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 Pigtail connector 15cm	
Fixing			Both directions	
Weight			g	56
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				



Wiring diagrams



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