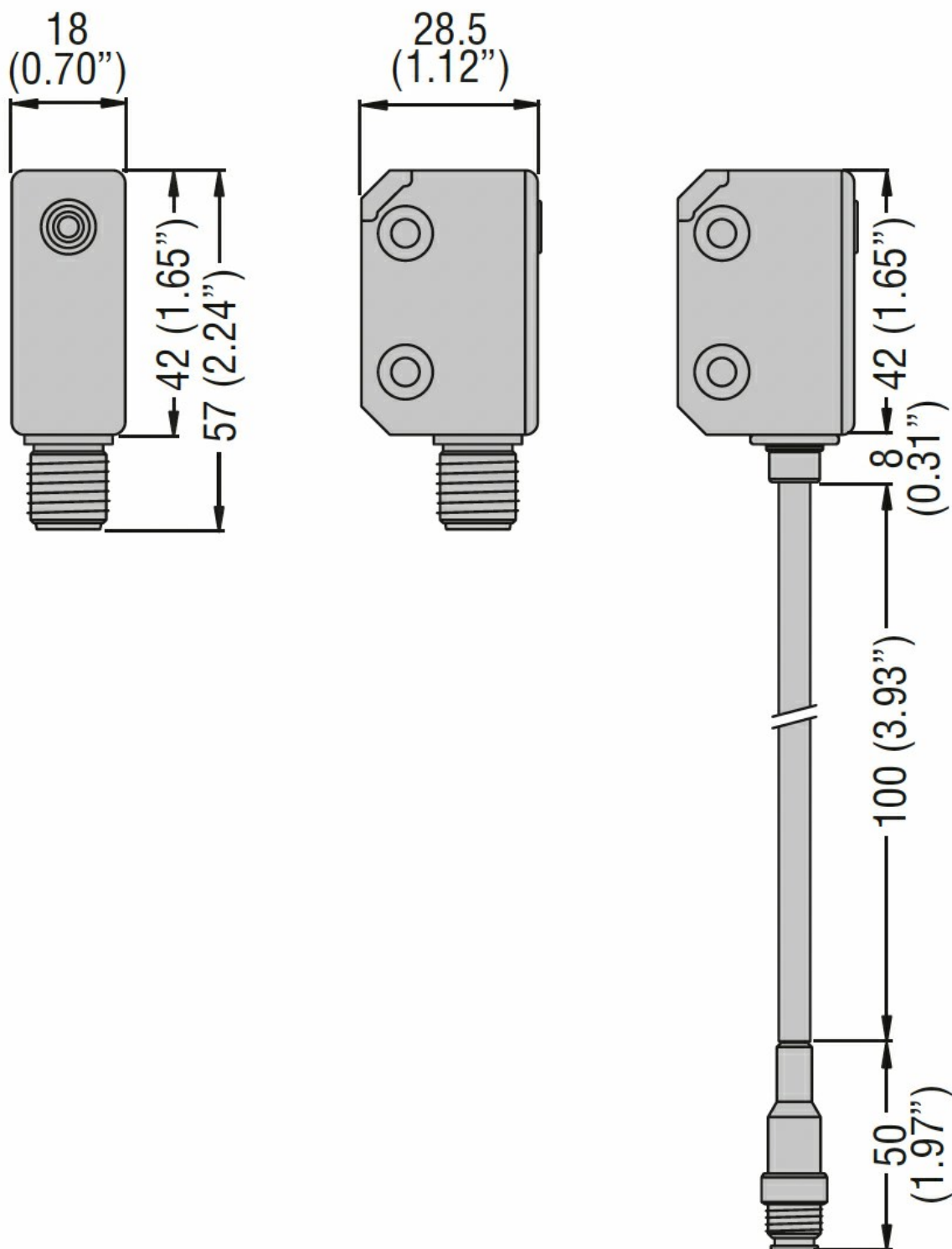
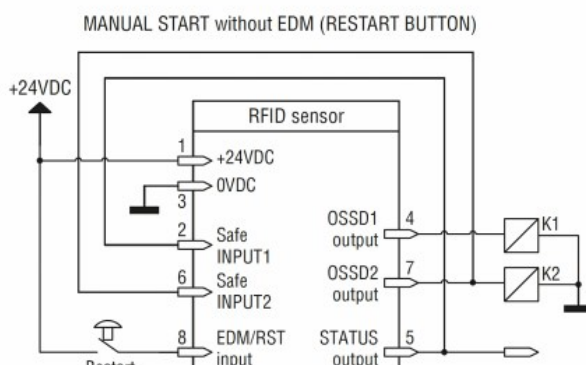
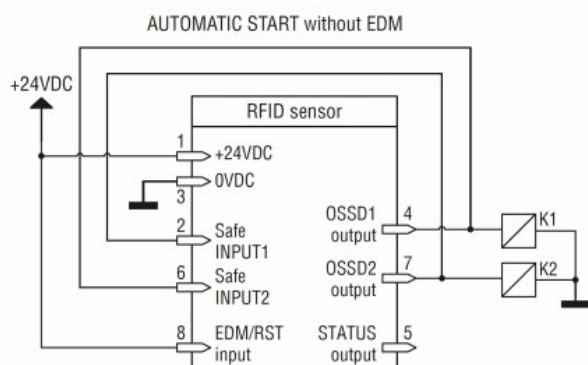
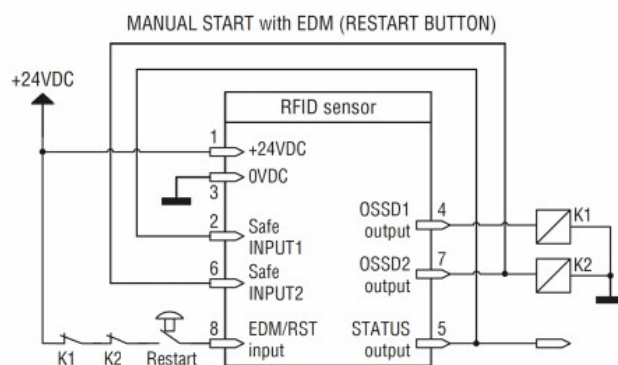
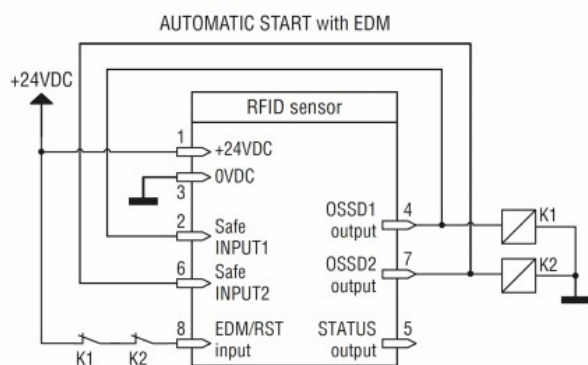




| | | | | |
|----------------------------------|--|--|----------------------------|---|
| Product designation | | | SSF | |
| Product type designation | | | RFID safety sensor | |
| General characteristics | | | | |
| General characteristics | | | | |
| Coding type | | | Teach-in | |
| Switching distance | | | 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