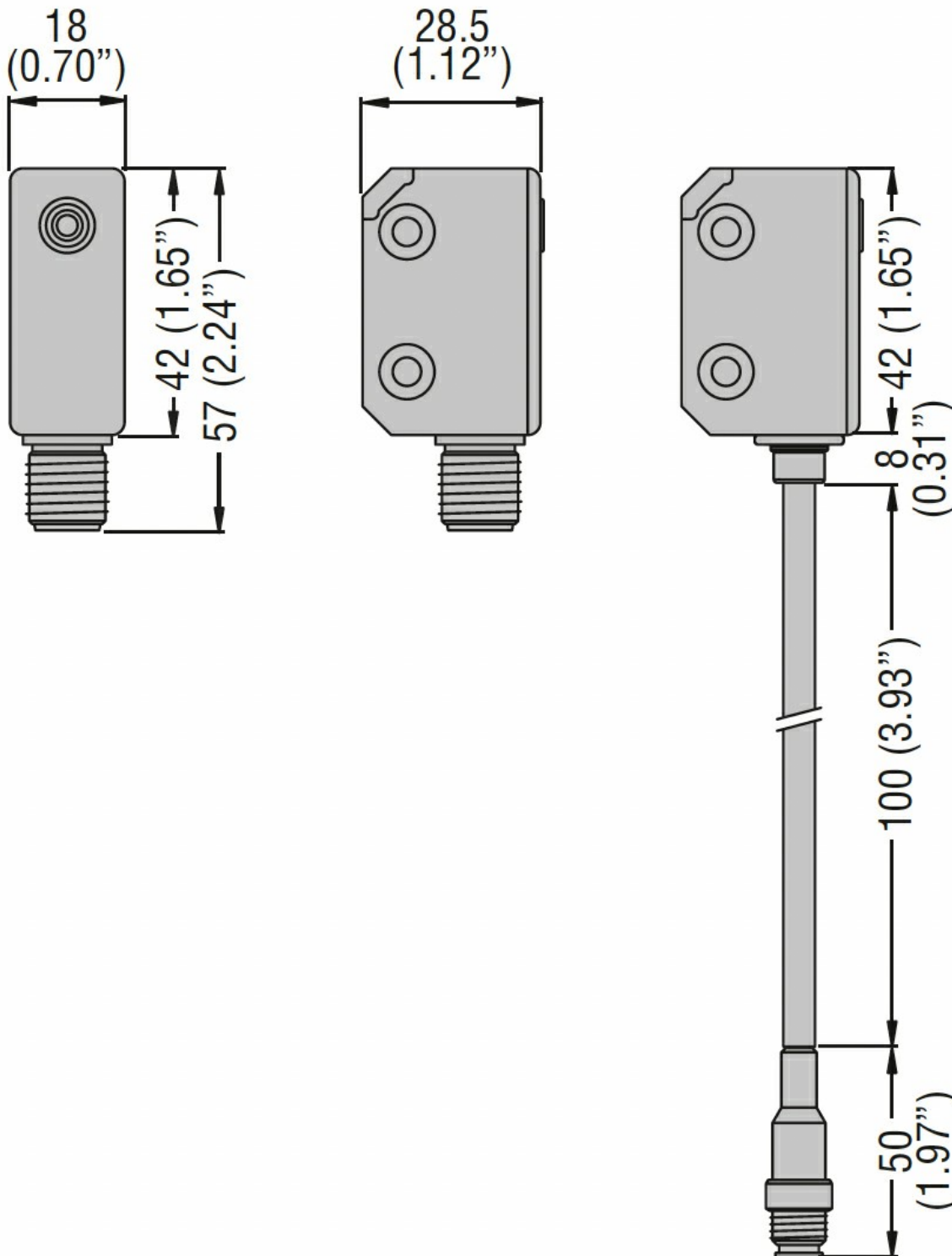


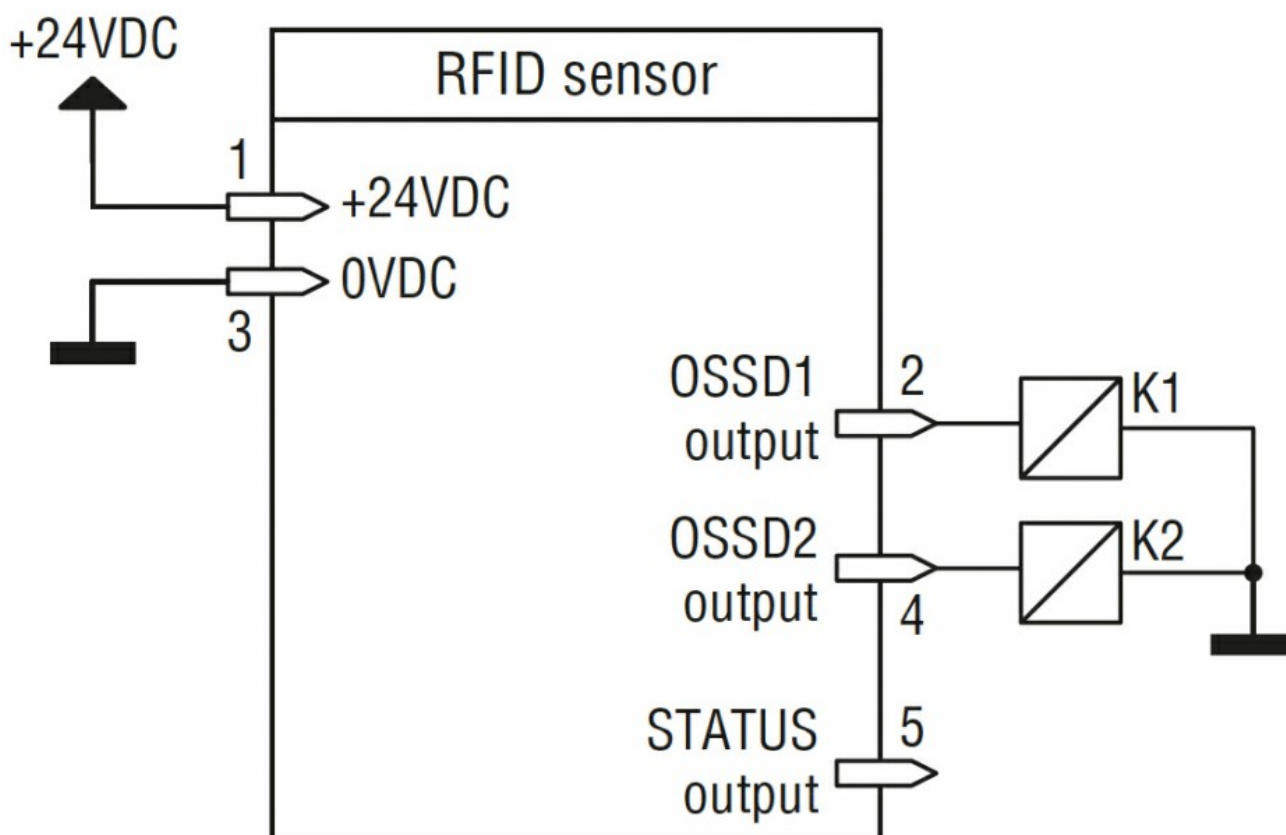


| General characteristics          |  |     |                 |                                                 |
|----------------------------------|--|-----|-----------------|-------------------------------------------------|
| General characteristics          |  |     |                 |                                                 |
| Coding type                      |  |     | Generic         |                                                 |
| Switching distance               |  |     | mm              | 10mm (X axis);<br>5mm (Y axis);<br>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                                               |
| 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                       |  |     |                 |                                                 |



## Wiring diagrams

## AUTOMATIC START



### 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