

# Inductive Sensors

## Temperature Extension-Low Temperature-M30

### Descriptions

Metal housing, threaded barrel, DC-3 wire, degree of protection IP67



### Features

- General size
- Flush/non flush mounting
- Temperature range up to -40°C

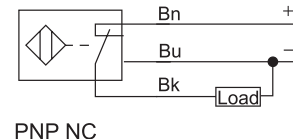
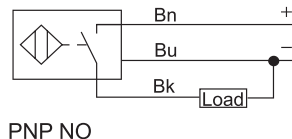
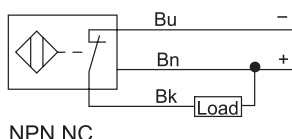
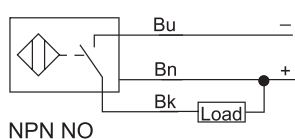


### Technical Data

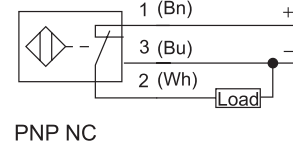
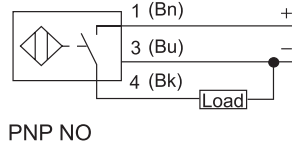
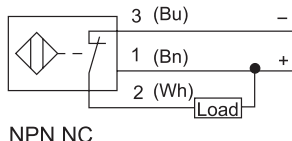
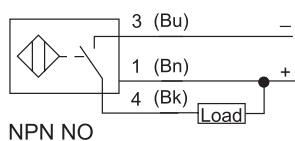
| Type                   | Rated operating distance Sn | Mounting  | Output function | Output type | Voltage range UB | Rated current | Switching frequency | Ambient temperature | Connection    | Mechanical drawing |
|------------------------|-----------------------------|-----------|-----------------|-------------|------------------|---------------|---------------------|---------------------|---------------|--------------------|
| Fi10-M30-OP6L/TB40     | 10mm                        | flush     | NO              | PNP         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | 2m cable      | 1                  |
| Fi10-M30-ON6L/TB40     | 10mm                        | flush     | NO              | NPN         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | 2m cable      | 1                  |
| Fi10-M30-CP6L/TB40     | 10mm                        | flush     | NC              | PNP         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | 2m cable      | 1                  |
| Fi10-M30-CN6L/TB40     | 10mm                        | flush     | NC              | NPN         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | 2m cable      | 1                  |
| Ni15-M30-OP6L/TB40     | 15mm                        | non flush | NO              | PNP         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | 2m cable      | 2                  |
| Ni15-M30-ON6L/TB40     | 15mm                        | non flush | NO              | NPN         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | 2m cable      | 2                  |
| Ni15-M30-CP6L/TB40     | 15mm                        | non flush | NC              | PNP         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | 2m cable      | 2                  |
| Ni15-M30-CN6L/TB40     | 15mm                        | non flush | NC              | NPN         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | 2m cable      | 2                  |
| Fi10-M30-OP6L-Q12/TB40 | 10mm                        | flush     | NO              | PNP         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | M12 connector | 3                  |
| Fi10-M30-ON6L-Q12/TB40 | 10mm                        | flush     | NO              | NPN         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | M12 connector | 3                  |
| Fi10-M30-CP6L-Q12/TB40 | 10mm                        | flush     | NC              | PNP         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | M12 connector | 3                  |
| Fi10-M30-CN6L-Q12/TB40 | 10mm                        | flush     | NC              | NPN         | 10...30VDC       | ≤200mA        | 500Hz               | -40...70°C          | M12 connector | 3                  |
| Ni15-M30-OP6L-Q12/TB40 | 15mm                        | non flush | NO              | PNP         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | M12 connector | 4                  |
| Ni15-M30-ON6L-Q12/TB40 | 15mm                        | non flush | NO              | NPN         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | M12 connector | 4                  |
| Ni15-M30-CP6L-Q12/TB40 | 15mm                        | non flush | NC              | PNP         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | M12 connector | 4                  |
| Ni15-M30-CN6L-Q12/TB40 | 15mm                        | non flush | NC              | NPN         | 10...30VDC       | ≤200mA        | 300Hz               | -40...70°C          | M12 connector | 4                  |

### Connection Diagram

#### Cable



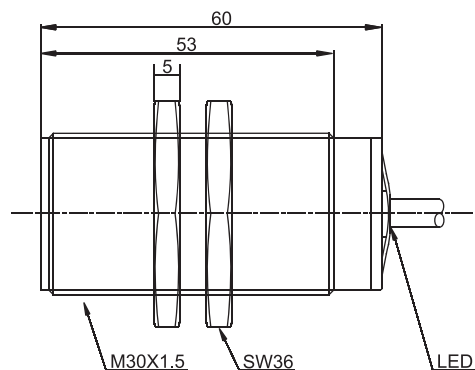
#### Connector



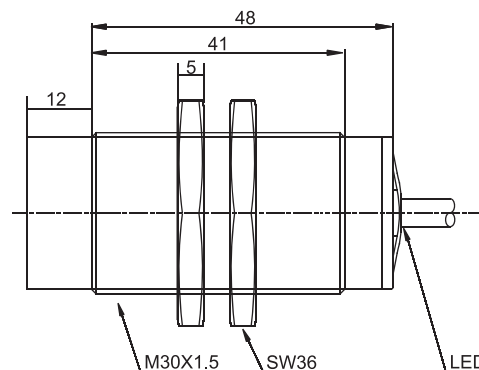
## Temperature Extension-Low Temperature-M30

### Mechanical Drawing

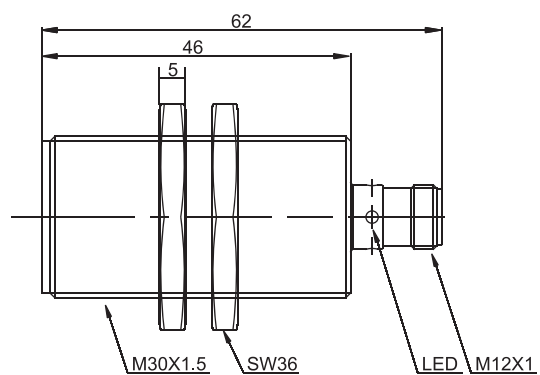
Drawing 1



Drawing 2



Drawing 3



Drawing 4

