

# Inductive Sensors

## Magnetic Field Immune-M18

### Descriptions

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



### Features

- General size
- Alternating magnetic field resistant  $\leq 100\text{mT}$
- Short circuit, overload, reverse polarity protection

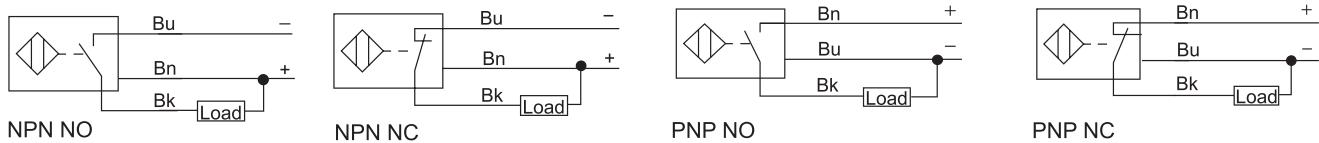


### Technical Data

| Type          | Rated operating distance Sn | Mounting | Output function | Output type | Voltage range UB | Rated current       | Switching frequency | Ambient temperature | Connection | Mechanical drawing |
|---------------|-----------------------------|----------|-----------------|-------------|------------------|---------------------|---------------------|---------------------|------------|--------------------|
| Fi5A-M18-OP6L | 5mm                         | flush    | NO              | PNP         | 10...30VDC       | $\leq 200\text{mA}$ | 1000Hz              | -25...70°C          | 2m cable   | 1                  |
| Fi5A-M18-CP6L | 5mm                         | flush    | NC              | PNP         | 10...30VDC       | $\leq 200\text{mA}$ | 1000Hz              | -25...70°C          | 2m cable   | 1                  |
| Fi5A-M18-ON6L | 5mm                         | flush    | NO              | NPN         | 10...30VDC       | $\leq 200\text{mA}$ | 1000Hz              | -25...70°C          | 2m cable   | 1                  |
| Fi5A-M18-CN6L | 5mm                         | flush    | NC              | NPN         | 10...30VDC       | $\leq 200\text{mA}$ | 1000Hz              | -25...70°C          | 2m cable   | 1                  |

### Connection Diagram

#### Cable



## Magnetic Field Immune-M18

### Mechanical Drawing

Drawing 1

