

# KJT Sensors - KJT-J12 Series

## Proximity Sensor - DC Power Supplies

KJT-JQN412-D04\*\*-D363



- Performance more steady due to specialized IC
- Housing material : ABS
- Sensing distance Sn (mm) :4mm
- Output function : NPN/PNP NO/NC
- Power supply range: 10-36V DC
- Protection degree : IP67 (IEC)
- Provide customized service

### Technical parameter

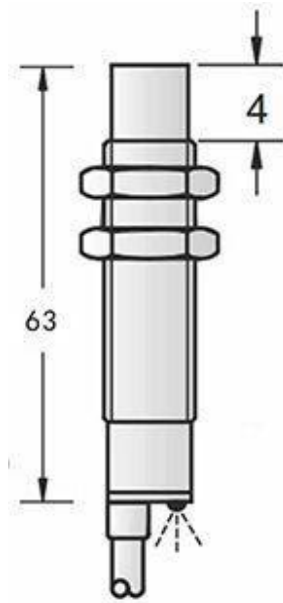
|                          |               |
|--------------------------|---------------|
| Size                     | M12*63mm      |
| Mounting                 | Unshielded    |
| Sensing Distance SN [mm] | 4mm           |
| Housing material         | ABS           |
| Indicator                | With LED      |
| Operating voltage        | 10-36VDC      |
| Output                   | PNP/NPN NO/NC |
| Ripple                   | <10%          |
| No Load Current          | <10mA         |
| Max.Load Current         | 150mA         |
| Leakage Current          | <0.01mA       |
| Voltage Drop             | <1.5V         |
| Switching Frequency      | 1K Hz         |
| Response Time            | 0.2ms         |
| Switching Hysteresis     | <15%(Sr)      |
| Repeat Accuracy          | <3%(Sr)       |
| Protection Degree        | IP67          |
| Operating Temperature    | -25°C-+70°C   |
| Temperature Drift        | <10%(Sr)      |
| Short Circuit Protection | Yes           |
| Overload Trip Point      | 180mA         |
| Connection               | PVC Cable 2M  |

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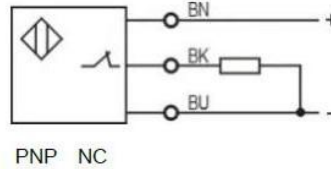
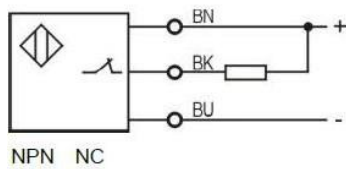
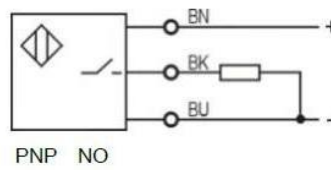
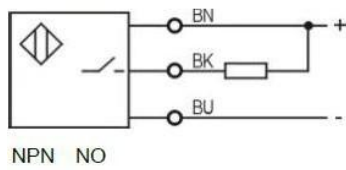
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## Dimension drawing



## Connection diagram



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## Model/Order Number

|                                 |                       |
|---------------------------------|-----------------------|
| Sn 4 mm DC 3 wire 10-36V PNP NO | KJT-JQN412-D04PA-D363 |
| Sn 4 mm DC 3 wire 10-36V PNP NC | KJT-JQN412-D04PB-D363 |
| Sn 4 mm DC 3 wire 10-36V NPN NO | KJT-JQN412-D04NA-D363 |
| Sn 4 mm DC 3 wire 10-36V NPN NC | KJT-JQN412-D04NB-D363 |