

# KJT Sensors - KJT-J30 Series

## Proximity Sensor - DC Power Supplies

KJT-JQN430-D30\*\*-D\*87



- Performance more steady due to specialized IC
- Housing material : ABS
- Sensing distance Sn (mm): 1-30mm adjustable
- Output function : PNP/NPN NO/NC/NO+NC
- Power supply range: 10-36V DC
- Protection degree : IP67 (IEC)
- Provide customized service

### Technical parameter

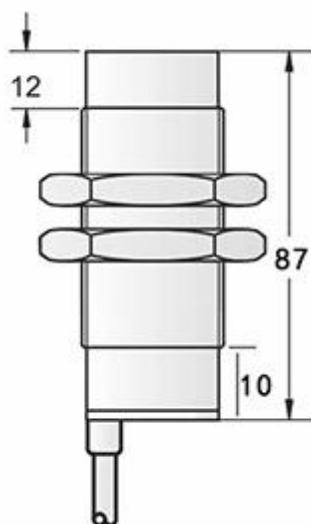
|                          |                     |
|--------------------------|---------------------|
| Size                     | M30*87mm            |
| Mounting                 | Unshielded          |
| Sensing Distance SN [mm] | 1-30mm adjustable   |
| Housing material         | ABS                 |
| Indicator                | With LED            |
| Operating voltage        | 10-36VDC            |
| Output                   | PNP/NPN NO/NC/NO+NC |
| Ripple                   | <10%                |
| No Load Current          | <10mA               |
| Max.Load Current         | 150mA               |
| Leakage Current          | <0.01mA             |
| Voltage Drop             | <1.5V               |
| Switching Frequency      | 50 Hz               |
| Response Time            | 1.5ms               |
| Switching Hysteresis     | <15%(Sr)            |
| Repeat Accuracy          | <3%(Sr)             |
| Protection Degree        | IP67                |
| Operating Temperature    | -25℃-+70℃           |
| Temperature Drift        | <10%(Sr)            |
| Short Circuit Protection | Yes                 |
| Overload Trip Point      | 180mA               |
| Connection               | PVC Cable 2M        |

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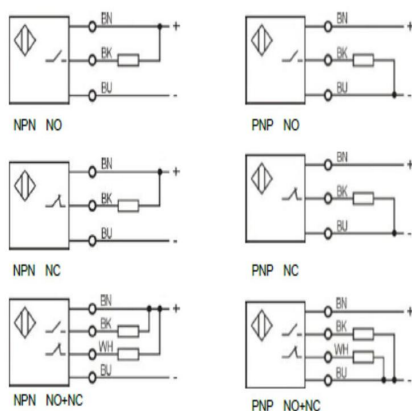
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## Dimension drawing



## Connection diagram



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| Model/Order Number                    |                       |
|---------------------------------------|-----------------------|
| Sn 1-30 mm DC 3 wire 10-36V PNP NO    | KJT-JQN430-D30PA-D387 |
| Sn 1-30 mm DC 3 wire 10-36V PNP NC    | KJT-JQN430-D30PB-D387 |
| Sn 1-30 mm DC 3 wire 10-36V NPN NO    | KJT-JQN430-D30NA-D387 |
| Sn 1-30 mm DC 3 wire 10-36V NPN NC    | KJT-JQN430-D30NB-D387 |
| Sn 1-30 mm DC 4 wire 10-36V PNP NO+NC | KJT-JQN430-D30PC-D487 |
| Sn 1-30 mm DC 4 wire 10-36V NPN NO+NC | KJT-JQN430-D30NC-D487 |