

# KJT Sensors - KJT-FJG6 Series

## Laser Sensor -DC Power Supplies

KJT-FJG206-Z\*\*T24-V224



- Performance more steady due to specialized IC
- Housing material : Brass nickel plated
- Sensing distance Sn (m) :20m
- Reflection mode:Through beam
- Power supply range: 10-36VDC
- Protection degree : IP67 (IEC)
- Provide customized service

### Technical parameter

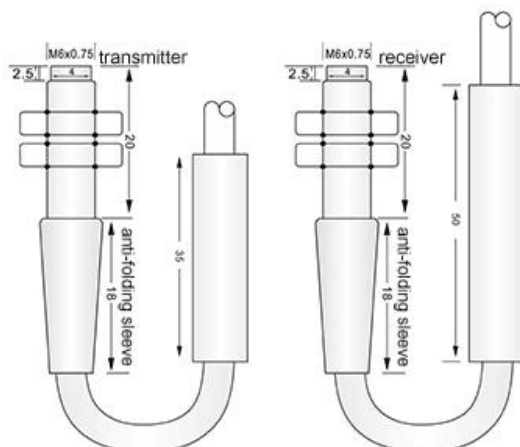
|                                   |                       |
|-----------------------------------|-----------------------|
| Size                              | M6*0.75*24mm          |
| Reflection mode                   | Through beam          |
| Sensing Distance SN [m]           | 20m                   |
| Housing material                  | Brass nickel plated   |
| Operating voltage                 | 10-36VDC              |
| Switching Hysteresis              | <15%                  |
| Light source                      | Infrared light(660nm) |
| Max Current Output                | 150mA                 |
| No Load Current                   | <10mA                 |
| Voltage Drop                      | <1.5V                 |
| Leakage Current                   | <0.01mA               |
| Frequency                         | 100Hz                 |
| Response Time                     | 5ms                   |
| Short Circuit Protection          | YES                   |
| Overload current protection point | 180mA                 |
| Operating Temperature             | 0-55℃                 |
| Ambient Humidity                  | 35-85%RH              |
| Protection Degree                 | IP65                  |
| Temperature drift                 | <10%(Sr)              |
| Connection                        | PVC cable 2m          |

# KJT Sensors - KJT-FJG6 Series

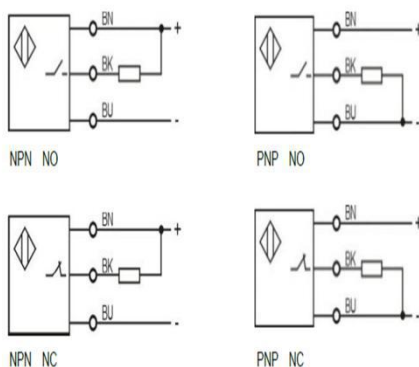
Laser Sensor - DC Power Supplies

KJT-FJG206-Z\*\*T24-V224

## Dimension drawing



## Connection diagram



# KJT Sensors - KJT-FJG6 Series

**Laser Sensor - DC Power Supplies**

KJT-FJG206-Z\*\*T24-V224

| Model/Order Number             |                        |
|--------------------------------|------------------------|
| Sn 20m DC 3 wire 10-36V PNP NO | KJT-FJG206-ZPKT24-V224 |
| Sn 20m DC 3 wire 10-36V PNP NC | KJT-FJG206-ZPHT24-V224 |
| Sn 20m DC 3 wire 10-36V NPN NO | KJT-FJG206-ZNKT24-V224 |
| Sn 20m DC 3 wire 10-36V NPN NC | KJT-FJG206-ZNHT24-V224 |