# Q72 Rectangular Photoelectric Sensor

BFGP-R72-I26-PC2-3 series · Sensing Distance: 26mm · Operating Voltage: 24...48V DC ±20%

**IP65**
Ingress Protection



## KEY SPECIFICATIONS

| | |
|---|---|
| SENSING DISTANCE<br>**26mm** | OPERATING VOLTAGE<br>**24...48V DC ±20%** |
| SWITCHING FREQ.<br>**1000Hz** | AMBIENT TEMP.<br>**-25...60°C** |
| HOUSING<br>**15X72X72mm** | RESPONSE TIME<br>**≤1ms** |

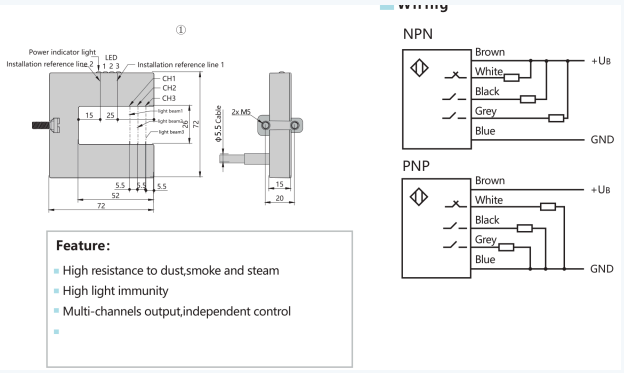
## MODEL CODES

| Output Type | Model Code |
|---|---|
| NPN N.O+N.C | **BFGP-R72-N31I26-PC2-3**<br>SKU 10105407 |
| PNP N.O+N.C | **BFGP-R72-P31I26-PC2-3**<br>SKU 10105287 |

## TECHNICAL DATA

| | | | |
|---|---|---|---|
| **Size** | 15X72X72mm | **Output modes** | CH1:NC; CH2:NO; CH3:NO |
| **Sensing distance** | 26mm | **Light immunity** | ≤100 kLux |
| **Operating voltage** | 24...48V DC ±20% | **Ambient temperature** | -25...60°C |
| **Voltage drop** | ≤1.5VDC | **Ambient humidity** | 35...85% |
| **Switching frequency** | 1000Hz | **Ingress protection** | IP65 |
| **Light source** | Infrared 940nm | **Housing material** | PC |
| **Response time** | ≤1ms | **Lens material** | PC |
| **Load current** | 200mA | **Operation indicator** | Output: Yellow/Power: Green |
| **Power-on delay** | ≤20ms | **Connection** | 2m PVC Cable, 5*0.2mm² |

## DIMENSIONAL DRAWINGS




*All dimensions in mm.*