Q74 Rectangular Photoelectric Sensor

BFGP-R74-I30-PC3 series · Sensing Distance: 30mm · Operating Voltage: 24V DC ±20%

IP65
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **30mm**	OPERATING VOLTAGE **24V DC ±20%**
SWITCHING FREQ. **500Hz**	AMBIENT TEMP. **-25...60°C**
HOUSING **74X60X15mm**	RESPONSE TIME **≤2ms**

MODEL CODES

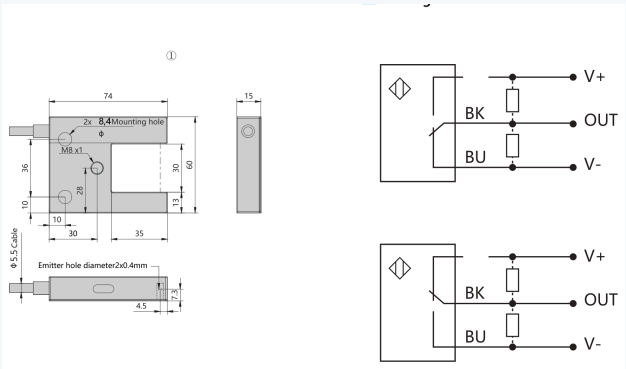
Output Type	Model Code
NPN N.O PNP N.C	**BFGP-R74-N51I30-PC3** SKU 10105408
NPN N.C PNP N.O	**BFGP-R74-P51I30-PC3** SKU 10105409

TECHNICAL DATA

Size	74X60X15mm
Sensing distance	30mm
Operating voltage	24V DC ±20%
Voltage drop	≤1.5VDC
Switching frequency	500Hz
Light source	Infrared light 940nm
Response time	≤2ms
Load current	100mA
No-load current	≤25mA
Switch protection	Short-circuit protection, Polarity reversal

Light immunity	<100KLux
Ambient temperature	-25...60°C
Ambient humidity	35...85%
Housing material	PC
Lens material	Transparent PC
Operation indicator	Output: Yellow/Power: Green
Ingress protection	IP65
Connection	3m PVC Cable, 3*0.2mm²

DIMENSIONAL DRAWINGS



All dimensions in mm.