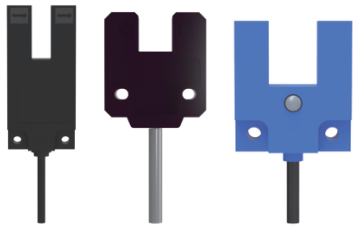
Q25 / Q28 / Q36 Rectangular Photoelectric Sensor

BFGP-R25-I07-I10-I15-PC2 series · Sensing Distance: 7mm / 10mm / 15mm · Operating Voltage: 10...30V DC



KEY SPECIFICATIONS

SENSING DISTANCE 7mm / 10mm / 15mm	OPERATING VOLTAGE 10...30V DC
SWITCHING FREQ. 500Hz / 150Hz	AMBIENT TEMP. -25...55°C / -25～+55°C
RESPONSE TIME <2ms / <7ms	

MODEL CODES

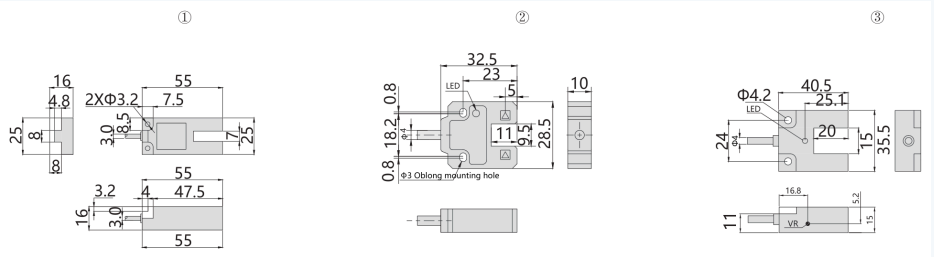
Output Type	①	②	③
NPN N.O+N.C	BFGP-R25-N31I07-PC2 SKU 10105398	BFGP-R28-N31I10-PC2 SKU 10105399	BFGP-R36-N31I15-PC2 SKU 10105401
PNP N.O+N.C	BFGP-R25-P31I07-PC2 SKU 10105219	BFGP-R28-P31I10-PC2 SKU 10105400	BFGP-R36-P31I15-PC2 SKU 10105402

TECHNICAL DATA

Size	①: 55*25*16mm ②: 32.5*28.5*10mm ③: 40.5*24*15mm
Sensing distance	①: 7mm ②: 10mm ③: 15mm
Operating voltage	10...30V DC
Switching frequency	①: 500Hz ②: 150Hz ③: 500Hz
Light source	①: Infrared light 880nm ②: Infrared light 940nm ③: Infrared light 940nm
Response time	①: <2ms ②: <7ms ③: <2ms
Load current	①: 100mA ②: ≤150mA ③: 100mA
Power-on delay	①: <300ms ②: <200ms ③: <300ms

Sensitivity adjustment	①: None ②: None ③: Multi-turn potentiometer
Light immunity	<5000Lux
Ambient temperature	①: -25...55°C ②: -25～+55°C ③: -25...55°C
Ambient humidity	①: 35...85% ②: 35%～85% ③: 35...85%
Housing material	①: ABS ②: PC ③: ABS
Lens material	①: PMMA ②: PC ③: PC
Operation indicator	Yellow: output
Connection	①: 2m PVC Cable, 4*0.15mm² ②: 2m PVC Cable 4*0.25mm² ③: 2m PVC Cable 4*0.25mm²

DIMENSIONAL DRAWINGS



All dimensions in mm.