Q21 Rectangular Photoelectric Sensor

BFBM-R21-R3.0-PC2 series · Sensing Distance: 30mm · Operating Voltage: 10...30V DC

IP67
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **30mm**	OPERATING VOLTAGE **10...30V DC**
SWITCHING FREQ. **1000Hz**	AMBIENT TEMP. **-25...55°C**
HOUSING **23.4*13*7.5mm**	INGRESS PROTECTION **IP67**

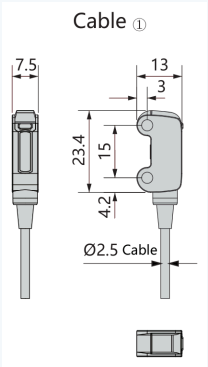
MODEL CODES

Output Type	Model Code
NPN N.O+N.C	**BFBM-R21-N31R3.0-PC2** SKU 10105236
PNP N.O+N.C	**BFBM-R21-P31R3.0-PC2** SKU 10105237

TECHNICAL DATA

Size	23.4*13*7.5mm	**Light immunity**	<5000Lux
Sensing distance	30mm	**Blind distance**	<2mm
Detection type	Background suppression	**Ambient temperature**	-25...55°C
Switching frequency	1000Hz	**Ambient humidity**	35...85%
Operating voltage	10...30V DC	**Housing material**	Stainless Steel
Light type	Red Light 621nm	**Ingress protection**	IP67
Reaction time	≤1ms	**Lens material**	PC
Load current	100mA	**LED indicator**	Output: Yellow/Power: Green
Power-on delay	<300ms	**Connection**	2m PVC Cable, 4*0.08mm²
Sensitivity adjustment	None	**Accessories**	None

DIMENSIONAL DRAWINGS



All dimensions in mm.