Q21 Rectangular Photoelectric Sensor

BFTM-R21-R100-PC2 series · Sensing Distance: 1m · Operating Voltage: 10-30V DC

IP67
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **1m**	OPERATING VOLTAGE **10-30V DC**
SWITCHING FREQ. **500Hz**	AMBIENT TEMP. **-25...55°C**
HOUSING **23.4*13*7.5mm**	RESPONSE TIME **≤2s**

MODEL CODES

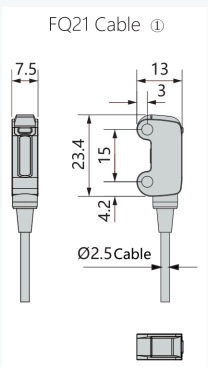
Output Type	Model Code
Emitter	**BFTM-R21-E1R100-PC2** SKU 10105289
NPN N.O+N.C	**BFTM-R21-N31R100-PC2** SKU 10105290
PNP N.O+N.C	**BFTM-R21-P31R100-PC2** SKU 10105291

TECHNICAL DATA

Size	23.4*13*7.5mm
Sensing distance	1m
Detection type	Through-beam
Switching frequency	500Hz
Operating voltage	10-30V DC
Light source	Red light 650nm
Response time	≤2s
Load current	100mA
Power-on delay	≤300ms
Sensitivity adjustment	None

Light immunity	<5000Lux
Ambient temperature	-25...55°C
Ambient humidity	35...85%
Housing material	Stainless Steel
Lens material	PC
Ingress protection	IP67
Operation indicator	Output: Yellow/Power: Green
Connection	2m PVC Cable,4*0.09mm²/2*0.08mm²
Accessories	None

DIMENSIONAL DRAWINGS



All dimensions in mm.