Q23 Rectangular Photoelectric Sensor — TOF

BFDP-R23-LTI100-PC2 series · Sensing Distance: 20...1000mm · Operating Voltage: 10...30V DC

IP66
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **20...1000mm**	OPERATING VOLTAGE **10...30V DC**
SWITCHING FREQ. **2Hz**	AMBIENT TEMP. **-25...55°C**
HOUSING **23*26.6*6.5mm**	RESPONSE TIME **500ms**

FEATURES

- TOF (time-of-flight) measuring principle

MODEL CODES

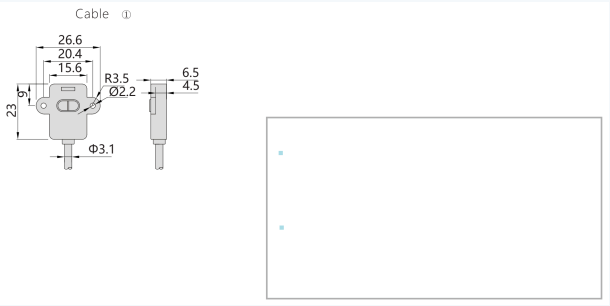
Output Type	Model Code
NPN N.O	**BFDP-R23-N11LTI100-PC2** SKU 10105138
NPN N.C	**BFDP-R23-N21LTI100-PC2** SKU 10105139
PNP N.O	**BFDP-R23-P11LTI100-PC2** SKU 10105140
PNP N.C	**BFDP-R23-P21LTI100-PC2** SKU 10105141

TECHNICAL DATA

Size	23*26.6*6.5mm
Sensing distance	20...1000mm
Switching frequency	2Hz
Operating voltage	10...30V DC
Light source	Infrared light 940nm
Response time	500ms
No-load current	≤30mA
Power-on delay	—
Sensitivity adjustment	White wire short-circuit connection, blue wire teaching

Light immunity	≤5000Lux
Ambient temperature	-25...55°C
Storage temperature	-40...70°C
Housing material	PBT
Ingress protection	IP66
Lens material	PMMA
Operation indicator	Power/teaching--green, output -- yellow
Connection	2m PVC Cable, 4*0.09mm²
Accessories	None

DIMENSIONAL DRAWINGS



All dimensions in mm.