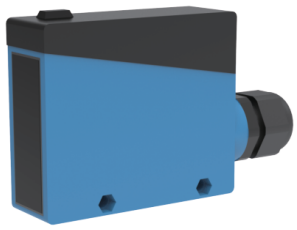
Q78 Rectangular Photoelectric Sensor

BFRP-R78-I600-T-F-D series · Sensing Distance: 0.6-...6m · Operating Voltage: 10...30V DC

IP65
Ingress Protection



KEY SPECIFICATIONS

SENSING DISTANCE **0.6-...6m**	OPERATING VOLTAGE **10...30V DC**
SWITCHING FREQ. **200Hz**	AMBIENT TEMP. **-25...55°C**
HOUSING **78*63*25mm**	RESPONSE TIME **≤5ms**

FEATURES

- Long detection distance
- Wide detection range

MODEL CODES

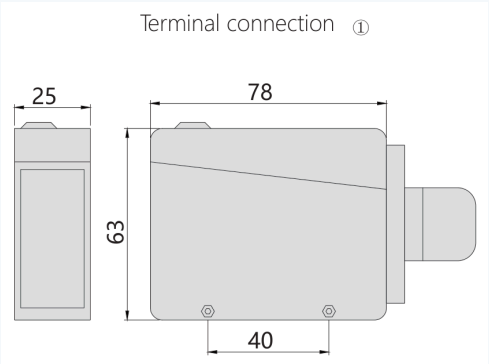
Output Type	None	0.1s-7s±2s
NPN N.O+N.C	**BFRP-R78-N31I600-T-F** SKU 10105073	**BFRP-R78-N31I600-T-F-D** SKU 10105075
PNP N.O+N.C	**BFRP-R78-P31I600-T-F** SKU 10105074	**BFRP-R78-P31I600-T-F-D** SKU 10105076

TECHNICAL DATA

Size	78*63*25mm
Sensing distance	0.6-...6m
Detection type	Retro-reflective
Switching frequency	200Hz
Operating voltage	10...30V DC
Light source	Infrared light 880nm
Response time	≤5ms
Load current	200mA
Power-on delay	<100ms
Sensitivity adjustment	Single-turn potentiometer

Time control	None 0.1s-7s±2s
Light immunity	<10000Lux
Ambient temperature	-25...55°C
Ambient humidity	35...85%
Housing material	PBT
Ingress protection	IP65
Lens material	PMMA
Operation indicator	Output: Yellow/Power: Green
Connection	Terminal connection 2.5mm²
Accessories	FPFR-D83

DIMENSIONAL DRAWINGS



All dimensions in mm.