

PB1 High Performance Dual Digital Fiber Amplifier

- Infrared communication function
- Regional mode
- 7-speed response time setting
- Novel and unique appearance



Model No.	PB1
Light source	Modulated red light 680nm
Operating voltage	8~30V DC
Saturation voltage	25mA < 1.2V, 100mA < 2V
Load current	< 50mA
Output current	< 200mA
Leakage current	< 100uA
Output type	NPN/PNP open-collector
Switch type	Selectable L.on/D.on
Display screen	7 segment 8 digit display (red: 4 digit, green: 4 digit)
Response time	50 μ s/ 250 μ s/ 500 μ s/ 1ms/ 4ms
Time delay function	< 50ms
Operating temperature	-10°C~+60°C
Operating humidity	35%~85%RH
Ambient brightness	Sunlight ≤ 10000Lux
Protective circuit	Short circuit protection, Reverse polarity protection, Over voltage protection
Shock resistance	10G(1500m/s²), XYZ three directions
Anti-vibration	10~55Hz Double amplitude 1.5mm, XYZ three directions, 2 hours each
Certification	CE
Connection method	2m 4 wire cable
Weight	65g

Fiber Optic

Slot Sensors

Photoelectric

Laser

Proximity

Displacement

Magnetic

Contact

Area

Ultrasonic

Vision

Vibration

Temperature

Annexes

Guidance

Fiber amplifiers

Standard economical

High stability

High performance type

High speed response

Fiber components

Popular type

Array-type

Flat bracket type

Side-view type

High elastic type

High temperature resistant

Small spot type

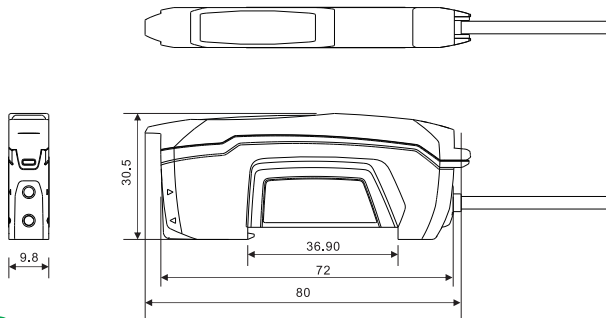
Combination type

High end type

Fiber lens

Fiber lens

Dimensions



Circuit diagram

NPN/PNP

