

# TECHNICAL DATA SHEET



Since 2011

## BEAM DETECTOR

### Description

Conventional Reflective Beam Detector is a reflective infrared beam detector, which must be used together with a reflector. With excellent built-in microprocessor, the detector has strong ability of analysis and judgment. The detector can automatically carry out system adjustment, compensation of variation of ambient data, and judgment of fire and fault through fixed algorithm, and indicate these states by LED and signal output terminals.

- Unit has an emitter and the receiver as one.
- In that case, it has advantages of easy and convenient installation as we have wonderful collimation for the optical path
- Automatic calibration to make sure one person can debug the device easily
- Self-testing function to monitor the internal fault of the detector
- Automatic Compensation for the factors of the receiving signals to avoid the influence of dust pollution, positional deviation and aging of transmitter tubes
- The detector is designed for optical path, strong anti jamming capability, seal design and reliable anti corrosion and water proof



### Specification:

MODEL NO.	PSS-BD
Supply Voltage	10.2 to 30 V DC
Supply Current	3.5 mA
Constant Current	17 mA
Temperature	-10 C to + 55 C
Humidity	10 to 95% RH Non Condensing

**PALLADIUM SAFETY SOLUTIONS PVT. LTD.**

An ISO 9001 : 2015 Certified Company

Email: [customercare@palladiumss.com](mailto:customercare@palladiumss.com) Web: [www.palladiumss.com](http://www.palladiumss.com)

DELHI | CHENNAI