



Global System Technology PLC  
*The Intelligent Solution*

## Digital Explosion-proof Reflective Beam Detector D-9105RExd



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### Digital Explosion Proof Reflective Beam Detector

- Integration of the emitting and receiving part makes for easy installation and accurate optical pathway
- Built-in microprocessor enables intelligent judgment of fire alarm and fault
- Easy alignment ensures a single person installation
- Self-diagnostic
- Drift-compensation for factors weakness, such as dust contamination, positional excursion and component ageing
- Integrated functions for both addressable and conventional use
- Electrically address by handhold programmer
- Fire and fault volt-free contact output's for Integration of the system
- 3 sensitivity levels can be set by programmer
- SMT processing technology.

### Technical Specifications

- Operating Voltage: 24V
- Operating Current:
  - Power: Commission Current 20mA
  - Standby Current 12mA
  - Alarm Current 22mA
  - Loop: 2mA
- Operating Environment:
  - Temperature: -20~+ 40°C
  - Relative Humidity: 95%
- Dimension: 344mm X 240mm X 212mm
- Ex Mark: E x dIICT6/ DIP A21 TA, T6
- Ex Certificate No.: CNEx 06.0273