

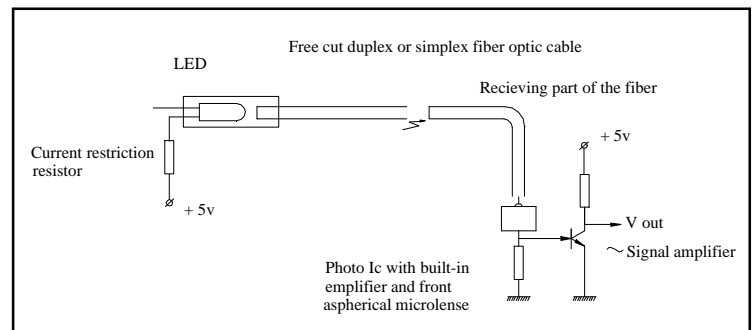
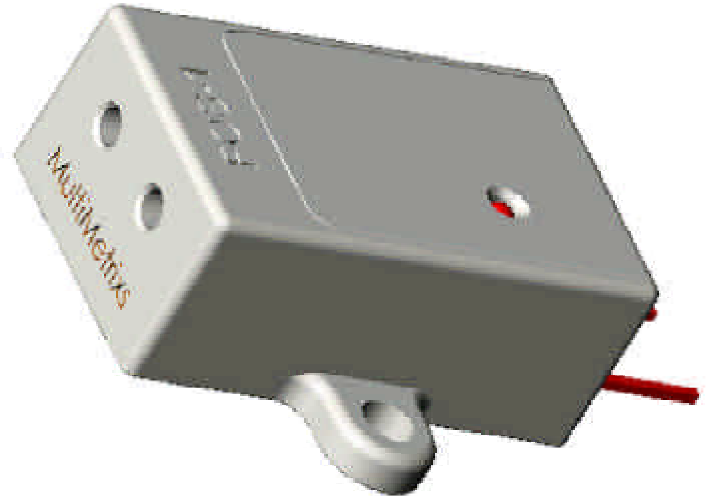
FOS-I Fiber Optic Interrupter

FOS-I is LED based sensor for such applications as home limit switchers that required ultra small size of sensing head and adjustable sensing gap. FOS-I is available for custom order. The advantages of fiber-optic interrupter FOS-I are:

- No presence of electrical wires in the sensing areas;
- The orientation of the receiving and illuminating parts of the sensor's head can be under different angles;
- Resistance to the following environments:
 - chemical;
 - corrosive;
 - water;
 - the strong electrical field;
 - microwave fields;
 - x-rays;
 - gamma radiation;
 - high pressure;
 - vacuum.
- Life time warranty;
- High reliability;
- Significant cost savings.

General Specifications

- Diameter of fiber optic core – from 0.2 to 2.00 mm;
- Length of fiber optic duplex or simplex cable – up to 30 feet;
- Single source interrupter: +5v, 20 mwt power supply;
- Size of sensing gap: adjustable 1÷25 mm;
- Ambient temperature – 0 ÷ 60°C;
- Space angle orientation receiving and light emitting part of fiber optic cable – 0 ÷ 45°;
- Wavelength of LED – 650 nm.



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