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10-30Vdc Reflex Photo-sensor
 Type: PE2FO
 Stock Code 815-123

SYNATEL
 INSTRUMENTATION LTD

->PE2FOBHD(9)

641-009C

The PE2FO is a compact, low cost, self contained, reflex Photosensor. It provides an ideal solution to many sensing applications, particularly where space is limited. The unit works on 10 to 30V dc and has an opto-isolated transistor output, suitable for switching control relays or solid state circuitry.

INSTALLATION:

The PE2FO should be wired as shown in the connections diagram.

COMMISSIONING:

Check that all connections are correct and apply power. Commissioning the PE2FO consists of mounting the unit within its specified operating distance, and secured to withstand vibration. Two types of mounting hole are provided on the PE2FO. 2 outer mounting holes or 1 centre fixing hole. The type you use will depend upon your particular mounting requirements. The cable of the PE2FO can be extended using ordinary, unscreened 4 core cable.

SPECIFICATION:

Supply: 10-30V dc.

Ambient Temperature: -10 to +50°C.

Output State: Output energised when LED 'ON' (detecting). Output de-energised when LED 'OFF' (object clear).

Max. Output Load: 30mA. 30V dc max. Unprotected.

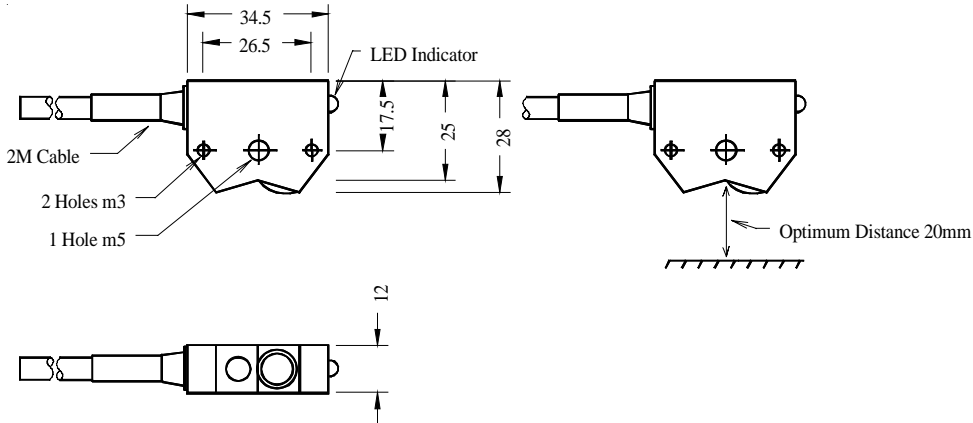
Sensing Range: 30mm Typical. 20mm optimum. (Matt white paper).

Enclosure: Moulded polycarbonate enclosure with a choice of 2 x 3mm mounting holes or 1 x 5mm mounting hole.

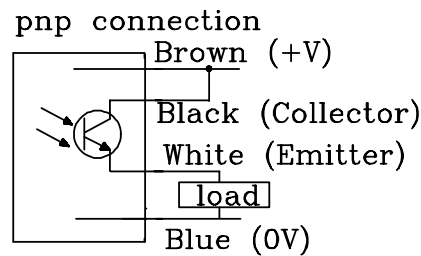
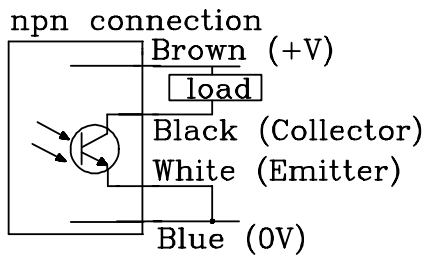
Protection: IP66.

Indication: Red LED: Illuminates when output 'ON' (Energised).

DIMENSIONS: (mm)



TYPICAL CONNECTIONS: npn & pnp outputs.



THIS PRODUCT CONFORMS TO THE REQUIREMENTS FOR CE MARKING

When this product is incorporated into other machinery or apparatus, that apparatus must not then be put into service (in the E.C) until it has been declared in conformity with the appropriate E.C Directive/s.