# SENSOR shopbd

# Techsense Bangladesh Ltd

## Photoelectric Sensor Tube Code : FX3/0P-0F

Photoelectric sensors are ideal for the detection of differences in contrast. They detect objects depending on their surface, color and material. They are inexpensive, easy to mount and align. Diffuse sensors with background suppression ensure reliable detection regardless of the surface, color and material. Their pulse width is almost constant, even with different reflectance.
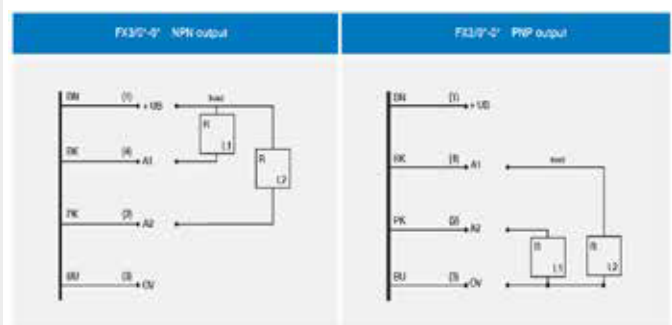
## General Attributes

- Normal Sensing Range     : 20...200 mm
- Standard Target          : 100 x 100 mm white
- Excess Light O/P          : light ON
- Output State Indication   : LED yellow
- Excess Light indicator    : LED Green
- operating voltage         : 10....30 Vdc
- Output current            : ≤200 mA
- no load current           : ≤ 15 mA typ.a/at
                              UB = 24 V
- Ambient temperature range : - 25°C...+ 55°C
- Sensivity Setting         : Potentiometer
- protection degree         : IP64 (EN60529)
- housing material          : PBTP
- plug                      : M8 4 wires

## Application Notes

Counts Clear Plastic in High Speed
Detects Transparent Bottles
Warning Alarm For Bottles
Validation of cigarette Paper
Prevention of entry into restricted area





A1 Output Light ON/Dark-ON switchable)
A2 Excess light output Light ON

electrical diagrams

For further information please visit : https://goo.gl/CmpksG

CE   cULus   LISTED IND. CONT. EQ. 81U2 for use in the secondary of a class 2 source of supply

cULus LISTED   IND. CONT. EQ 81U2 for use in the secondary of a class 2 source of supply Environmental - Type 1 Enclosure   EAC

We are the authorized distributor of Micro Detector in Bangladesh.