

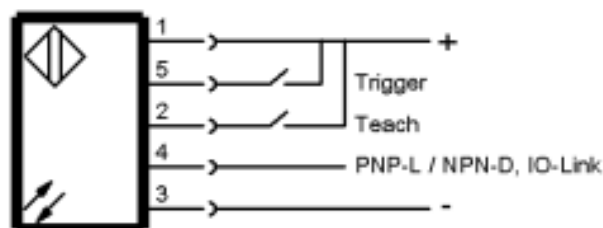
Techsense Bangladesh Ltd

Color Sensor, Code- BFS000F

Simplify and accelerate your automated processes with Balluff's versatile color sensors. For recognition of color nuances in textiles, for example, of painted sheets as well as with colored markings on packaging or labels. These color sensors sort out bad components and thus assure uniformly high product quality. In this manner, they contribute to a reliable production process.

General Attributes

- Principle of optical operation : Diffuse sensor,
Fixed focus
- Series : 26K
- Light spot size : Ø 4 mm at 22 mm
- Principle of operation : Color sensor
- Color resolution tolerance : adjustable in 4 steps
- Range : 12...32 mm
- Sensing distance tolerance : ±6 mm at 22 mm,
Tolerance C3 and I2
- Beam characteristic : Focused
- Dimension : 17 x 50 x 50 mm
- Connection : M12x1-Male
- Interface : IO-Link, PNP/NPN
- Switching output : 3x PNP Normally
open (NO)
- Light type : White light
- Operating voltage U_b : 18...30 VDC
- No-load current I_o max. at U_e : 40 mA
- Rated operating voltage U_e DC : 24 V
- Ambient temperature : -10...55 °C
- Ambient light max. : 5000 Lux
- Wave length : 400...700 nm
- Housing material : ABS
- Material sensing surface : PMMA
- Output Interface : IO-Link
- IP rating per IEC 60529 : IP67



Wiring diagram:

Application Notes

True Color Recognition
Color Mark Detection
Distinguish between shades of a specific color.
Avoids separation of medicines in pharmaceutical industries.

For further information please visit : <https://goo.gl/xNNQNk>

We are the authorized distributor of Balluff in Bangladesh.