

## Color Sensor, Code- BFS000M

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. Their 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
- Series : 33M
- Principle of operation : Color sensor
- Dimension : 21 x 58.3 x 58 mm
- Connection : M8x1-Male, 4-pole
- Light type : White light
- Operating voltage  $U_b$  : 21.6...26.4 VDC
- No-load current  $I_o$  max. at  $U_e$  : 60 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 : Aluminum
- Output Interface : IO-Link

### Application Notes

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



**Connector view**



**Wiring diagram:**

For further information please visit : <https://goo.gl/UjK3Hj>

We are the authorized distributor of Balluff in Bangladesh.