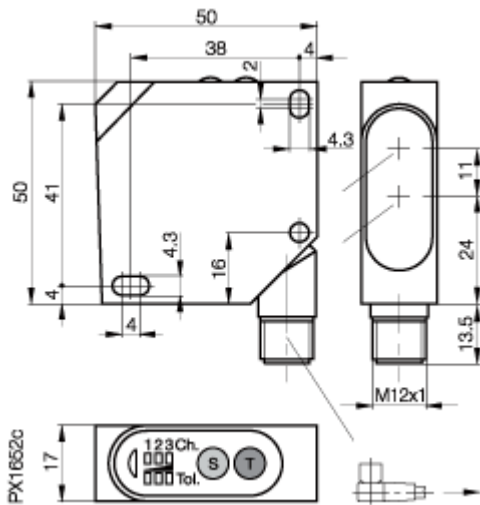


Color Sensor BFS 26K-PS-L01-S115



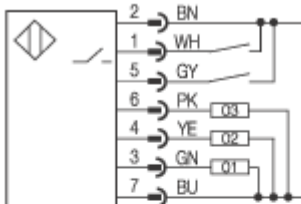
Description

Microcontroller controlled;
Various light spot geometries;
3 different colors can be distinguished at the same time;
5-stage adjustable color tolerance;
3 yellow LEDs for switching state indication;
3 red LEDs for indicating tolerance level;

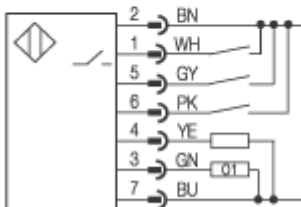
Specifications

Working distance Diffuse	12...32mm
Working distance w/reflector	50...200mm
Supply voltage UB	12...28 V DC
Ambient temperature range Ta	-10...55°C
Emitter, light type	pulsed white light
Light spot geometry	round
Light spot diameter	4 mm at 22 mm range
Sensing range tolerance	±6 mm at Tol. 3
Supply voltage indication	LED green
Output function indication Ch.	3 × LED yellow
Output function indication Tol.	3 × LED red
Ripple	10 %
No-load supply current	≤ 40 mA
Output	3 × PNP
Switching type	light-on
On delay	300 ms
Frequency of operating cycles f	500 Hz
Protected against polar. reversal	yes
Short circuit protected	yes
Degree of protection	IP 67
Dimensions	50 × 50 × 17 mm
Connection	M12 connector, 8-pin, 270° rotatable
Recommended connector	BKS-S139
Housing / Lens material	Impact-resistant ABS / PMMA
Weight	40 g

2 Betriebsarten sind möglich:



1. Normalbetrieb



2. Externer Teach-in

Balluff

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