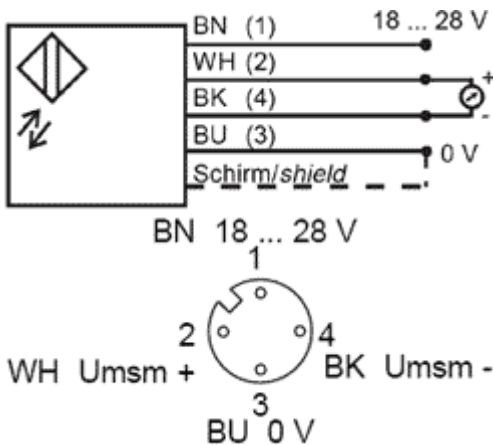
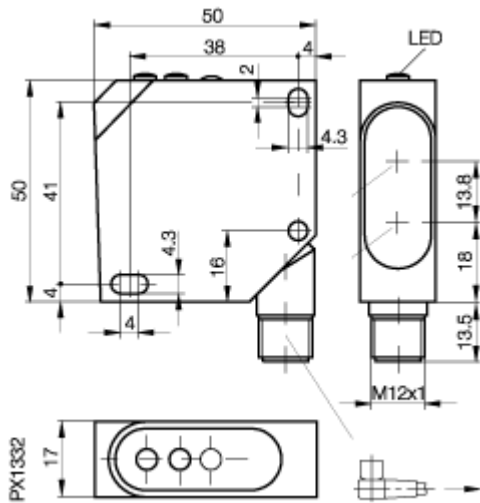


distance sensor

BOD 26K-LA02-S4-C



Description

The Balluff distance sensor BOD 26K not only detects the presence of objects, but can also indicate their precise position or location.

Specifications

Type	Laser distance sensor, analog output
Working range	45...85 mm
Analog output	0...10 V (max. 3 mA)
Ambient temperature	0...+45
Temperature drift	18 $\mu\text{m}/^\circ\text{C}$
Light source, colour	Laser, red, 670 nm
Resolution	20 μm
Linearity	$\leq 1\%$
No-load supply current	$\leq 35\text{mA}$
Light spot diameter	$\leq 0.8\text{ mm}$ at 65 mm
Supply voltage	18...28 V DC
Short circuit protection	yes
Inverse-polarity protection	yes
Supply voltage indication	LED green
Stability indication	LED red
Limit frequency	40Hz
Dimensions	50x50x17
Connection	M12 connector, 4-pin
Permissible ambient light	EN 60947-5-2
Degree of protection	IP67
Weight	40g
material	impact resistant ABS
Optical surface	PMMA
Recommended connector	only with BKS-S 19-14-PU-05

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