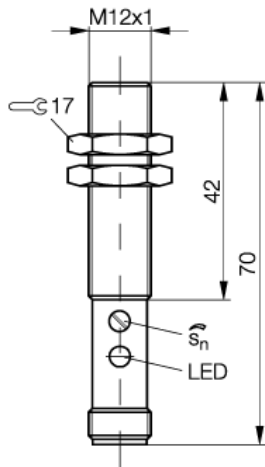


BOS 12M-NA-LE10-S4
BOS00WC

NPN

BALLUFF
sensors worldwide



PX1288

Electrical data:

Load capacitance max	0,1 µF
Switching element function	NO/NC
Rated operational voltage	24 DC V
frequency of supply voltage	DC
Load current capacity max. (Ie)	200 mA
Off time delay (standard beam)	< 0,5 ms
Switching output	NPN
Operating frequency (f)	1000 Hz
Current Consumption I _o max. (No Load)	15 mA
Supply voltage min.	10 V
Supply voltage max.	30 V
Voltage ripple max.	max. 10% from UB
Voltage drop U _d max. at I _e	2,5 V
On Time delay (standard beam)	<0,5 ms
Connection	connector S4 (M12)
Rated insulation voltage (U _i)	75 DC
Utilization category	DC 13

Mechanical data:

Version	M12x1
Operating range adjustment	Potentiometer
Diameter of sensing face	8 mm
Diameter	M12x1
Ambient temperature max.	+50 °C
Ambient temperature min.	-10 °C
weight	30 g
Surface treatment	nickel plated
Sensing face material	PMMA
Housing material	nickel-plated brass

General data:

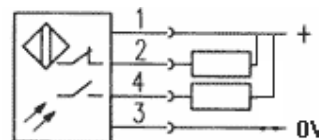
Degree of protection IP	IP 67
Protected against polarity reversal	yes
Approval	CE, cULus
Type	Laser-thru-beam
Recommended connector	BKS-S 19/BKS-S 20
sensitivity adjustment	Potentiometer
Function indication	yes, yellow LED
Short circuit protected	yes

Optical data:

Emitter Light Source	Laser
Wave length of Light Source	650 nm
permissible ambient light	5000 Lux

Wiring:

Pinout:
Pinout



www.balluff.com

Balluff Europe: +49 7158 173 -0
Balluff USA: 1-800-54 3-83 90
Balluff Asia: +86 21-50 64 41 31

Online Productinformation
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