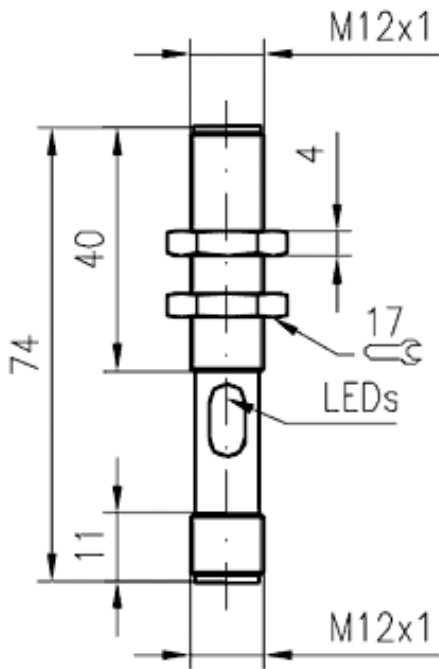


Photoelectric Sensor
BOS 12M-PS-1N1I-S4-C
Sn=23mm
Diffuse, focussed



Common Data

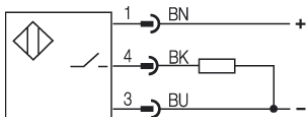
Series	12M
Sensortype	Diffuse, focussed
Switching frequency	1000 Hz
Rated operating distance Sn in mm	23
Hysteresis	<5%
Indication Switching element on	yes, yellow LED
Indication Special funktion	yes, green LED
Ambient temperature	-20...+60°C
Off-delay	< 5ms
Light	Red light, 660nm, pulsed
Gray value shift	<5

Mechanical Data

Measurements	M12x1x74
Housing material	nickel plated brass
Degree of protection	IP67
Connection	Connector S4 (M12)
Weigth	app. 30g

Electrical Data

Current	DC
Switching function	normally-open
Output	PNP
Supply Voltage	10...30V DC
Frequency of Supply Voltage	DC
No-load supply current	<25mA
Protected against polarity reversal	yes



Utilization categories
 Insulation class

II

Datasheet number:

Definitions see general catalog.
 If not otherwise noted, ratings according to
 IEC 60947-5-2 (DIN EN60947-5-2)

Balluff GmbH
 Schurwaldstrasse 9
 73765 Neuhausen a.d.F.
 Phone (07158) 173-0 Fax (07158) 5010

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