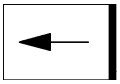
BOS 12M-X-RS10-S4
Order code: BOS01TW

BALLUFF
sensors worldwide

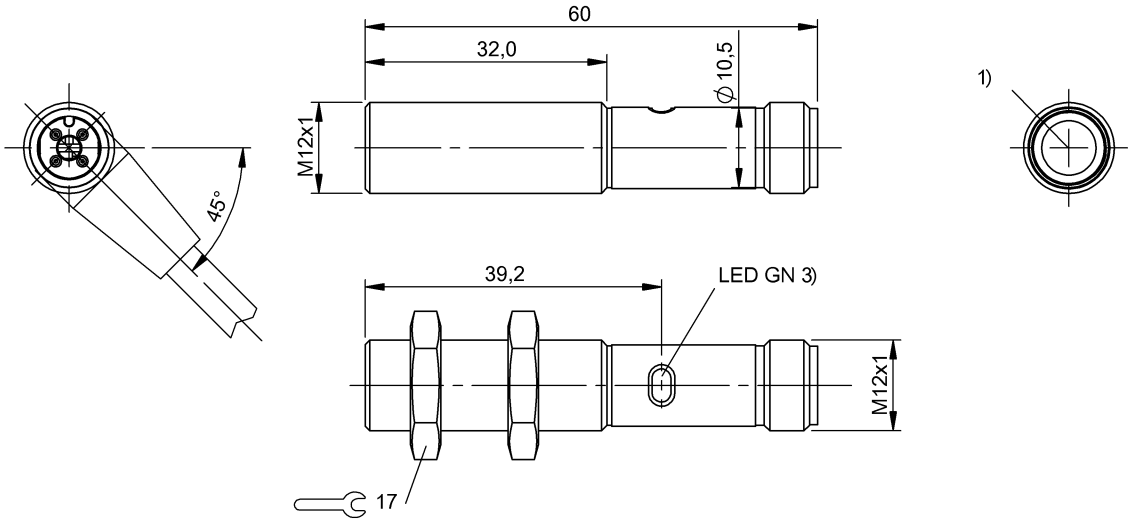
Photoelectric sensor
Series 12M GLOBAL
Emitter
Sn = 8 m

DC, direct current
LED, red light





LED-Light - DO NOT STARE INTO BEAM! Exempt group per IEC 62471:2006-07



1) Optical axis emitter 3) Power

Basic data

Operating voltage UB DC	10.0 V... 30.0 V
Eff. operating voltage Ue DC	24.0 V
Ripple max. (% of Ue)	15 %
No-load current max. Io at Ue	15 mA
Polarity reversal protected	yes
Rated insulation voltage Ui	75 V DC
Indicator	Power - LED GN
Adjuster	No
Ambient temperature Ta	-5 °C... 55 °C

Optical data

Principle of optical operation	Emitter
Operating range Ro	0...8 m
Referenzempfänger	BOS 18M-PS-RE20-S4
Light type	LED, red light
Wavelength	644 nm
LED group acc. IEC 62471	Exempt group
Light spot size, typical	Ø280 mm at 8 m

Mechanical data

Style	Cylinder, straight optics
Dimensions	Ø12.0 mm x 60.0 mm
Mounting type	Nut M12x1
Tightening torque max.	7/15 Nm
Housing material	Brass
Surface protection	Nickel-plated
Werkstoff aktive Fläche	PMMA
Degree of protec. per IEC60529	IP67
Connection type	Connector
Connector type	M12x1-S04

Approval

Approvals / Conformity	CE

Remarks

Basic standard	IEC 60947-5-2

For additional information, refer to user's guide.
Order accessories separately.

CE

Definitions see general catalog

Subject to change without notice.

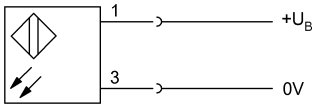
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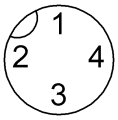
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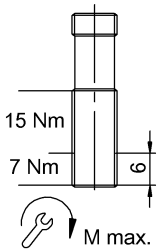
BOS 12M-X-RS10-S4
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Photoelectric sensor
Series 12M GLOBAL
Emitter
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DC, direct current
LED, red light







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Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

BALLUFF:

BMF 305-HW-24 BES M12MG1-PSC80B-S04G BES M30MM-POC30F-S04K BES Q08ZC-PSC20B-BP02
BCC M415-0000-1A-003-PX0434-020 BES M08EA-PSD15B-S49G BES M12EG1-PSC60Z-S04G-S11
BES Q40KFU-PAC15A-S04G BES R04KC-PSC15B-EP00,2-GS26 BCC A335-0000-20-000-61X5A5-000
BCS M12BBG1-PSC80H-EP02 BPI 4M4A5P-2K-B0-KPXB0-030 BAM00T3
BCC M323-0000-10-001-VX8334-030 BES M30MI-NSC10B-BV03 BCS M18B4I3-PSC80D-S04K
BES M08MG-USC20B-BV03 BES M30MM-PSC30F-S04K BES 12,0-BS-1 BES 516-326-G-E5-Y-S4
BES 517-132-M4-H BES M08EE-PSC20B-S49G-003 BES M08MH1-PSC30B-S04G
BES M08MI-PSC20B-BP03 BES M12MC1-PSC10F-S04G BTL6-A-MF03-A-50 BOS R090K-PU-RX10-S49
BCC M314-0000-20-003-VX8434-020 BES 516-383-EO-C-03 BES03RP