

Photoelectric Sensors
BOS 30M-GA-1PH-S4-C
Order Code: BOS0134

BALLUFF

Material

Housing material	Brass, nickel-plated
Material sensing surface	Glass
Surface protection	nickel-plated

Mechanical data

Dimension	Ø 36 x 89 mm
Mounting part	Nut M30x1.5
Tightening torque max.	40 Nm

Optical features

Ambient light max.	1000 Lux
Beam characteristic	Divergent
Light type	Infrared
Principle of optical operation	Diffuse sensor, energetic
Switching function, optical	Light/dark switching
Wave length	880 nm

Range/Distance

Hysteresis H max. (% of Sr)	15.0 %
Range	200...2000 mm
Rated operating distance Sn	2 m Adjustable
Temperature drift max. (% of Sr)	10 %

Remarks

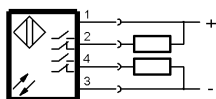
Reference object (target): gray card, 200 x 200, 90 % remission, axial approach.
The sensor is functional again after the overload has been eliminated.
For additional information, refer to user's guide.
Order accessories separately.
For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Connector Drawings



Wiring Diagrams



Opto Symbols

