



1) Housing rotatable 304°, 2) Tightening torque 1...1.5 Nm, 3) Tightening torque 16.5 Nm



Basic features

Approval/Conformity	CE
	cULus
	EAC
	WEEE

Electrical connection

Connection	1/2"-20 UNF-2A-Male
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Electrical data

Min. operating current I_m	5 mA
Operating voltage U_b	20...250 VDC/20...250 VAC
Protection class	I
Rated insulation voltage U_i	250 V AC
Rated operating current I_e	500 mA
Rated operating voltage U_e AC	110 V
Ready delay t_v max.	200 ms
Residual current I_r max.	1700 μ A
Switching frequency	50 Hz
Utilization category	AC-140 DC -13
Voltage drop static max.	6 V

Interface

Switching output	Normally open (NO)
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Inductive Sensors
BES 516-200-S2/2.375"-S21
Order Code: BHS000Z

BALLUFF

Material

Housing material	Stainless steel (1.4104), nickel plated Zinc, Die casting
Material sensing surface	Ceramic

Mechanical data

Dimension	64.2 x 48 x 60.325 mm
Pressure rating, note	oil pressure rated
Size	D12.7

Range/Distance

Assured operating distance Sa	1.6 mm
Rated operating distance Sn	2 mm
Real switching distance sr	2 mm

Remarks

Flashing LED indicates overload. Once the overload has been eliminated, interrupt operating voltage Vs for approx. 2 sec.

LED 1: Operating voltage

LED 2: Function

Leakage current Ir max. at rated operating voltage Ue AC 110 V

UL note:

Listed connectors for installation are available at www.balluff.com.

The product should be connected using a Category CYJV/7 cable having min. 95°C temperature resistance.

Connector Drawings



Wiring Diagrams

