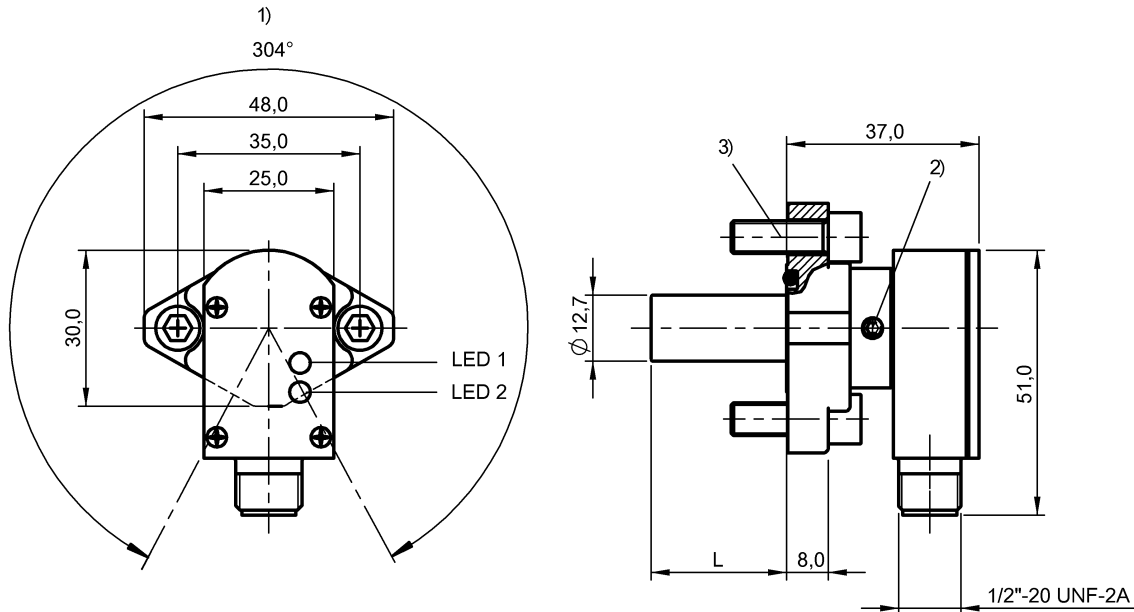


BES 516-200-S2/2.062"-S21 BHS000T



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



Display/Operation

Function indicator	yes
Power indicator	yes

Electrical connection

Connection	1/2"-20 UNF-2A-Connector
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

Hysteresis H max. (% of Sr)	15.0 %
Magnetic field strength, interference field	100 kA/m
Operating voltage Ub	20...250 VDC/20...250 VAC
Pollution degree	3
Rated insulation voltage Ui	250 V AC
Rated operating current Ie DC	500 mA
Rated operating voltage Ue AC	110 V
Rated short circuit current	100 A
Ready delay tv max.	200 ms
Repeat accuracy max. (% of Sr)	5.0 %
Residual current Ir max.	1700 µA

Switching frequency	50 Hz
Utilization category	AC-140 DC -13
Voltage drop static max.	6 V

Environmental conditions

Ambient temperature	-25...70 °C
Magnetic field immune	magnetic field immune (AC/DC)
Protection class	I
Protection type IEC 60529	IP67

General data

Approval/Conformity	CE cULus EAC
Basic standard	IEC 60947-5-2
Scope of delivery	O-ring Ø17.13x2.62 Allen wrench UNC 1/4"- 20x3/4"- 12.9 (2x)
Trademark	Strokemaster

Material

Gasket, material	FPM 90
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BES 516-200-S2/2.062"-S21 BHS000T

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

Mechanical data

Dimension	64.2 x 48 x 52.37 mm
Installation	for flush mounting
Length, tolerance	±0.005 in
Pressure rating max.	207 bar
Pressure rating, note	oil pressure rated
Sealing ring, part number	116143
Sealing ring, size	17.13 x 2.62 mm
Size	D12.7

Range/Distance

Assured operating distance Sa	1.6 mm
Range	2 mm
Rated operating distance Sn	2 mm
Temperature drift max. (% of Sr)	10 %

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
 To meet the UL requirements, the device should be used together with an external connection cable (type CYJV/7) min. temp. 95°C.

Connector view



Wiring Diagram

