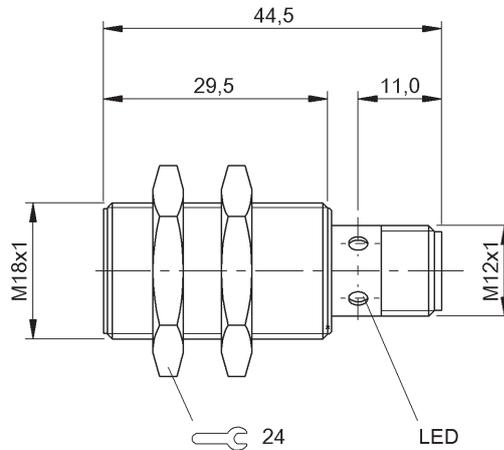


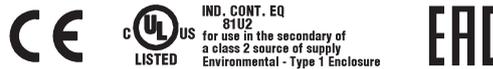
Inductive sensor

BES 516-326-E5-C-S4
BES00R6

BALLUFF
sensors worldwide



- PNP
- Normally open (NO)
- 5.00 mm
- Flush (shielded)
- Connector, M12x1-S04



General attributes

Approvals / Conformity

CE
cULus
EAC
IEC 60947-5-2
IP67
Yes
Yes
No
Yes
830 a

Basic standard
Enclosure Type per IEC 60529
Function indicator
Polarity reversal protected
Power indicator
Short circuit protected
MTTF

Electrical attributes

Connection type
Eff. operating current I_e
Eff. operating voltage U_e DC
Electrical version
Load capacitance max. (at U_e)
Max. no-load cur. I_o undamped
Minimum operating current I_m
No-load current I_o damped max.
Operating voltage U_B max. DC [V]
Operating voltage U_B min. DC [V]
Rated insulation voltage U_i
Rated short circuit current
Ripple max. (% of U_e)
Switching freq. f max. (at U_e)
Switching function

Connector
200 mA
24.0 V
DC, direct current
1.000 µF
3.0 mA
0 mA
10.0 mA
30.0 V
10.0 V
75 VDC
100 A
15 %
1000 Hz
Normally open (NO)

Switching output

Voltage drop static max.

PNP
2.0 V

Mechanical attributes

Ambient temperature T_a max. 70 °C
Ambient temperature T_a min. -25 °C
Assured operating distance S_a 4.00 mm
Connector type M12x1-S04
Depth 44.5 mm
Diameter d1 M18x1
Eff. operating distance S_r 5.00 mm
Housing material CuZn
Mech. installation condition Flush (shielded)
Mounting length 29.5 mm
Rated operating distance S_n [mm] 5.00 mm
Sensing face material PBT
Surface protection Nickel-plated
Tightening torque 25 Nm

Remarks

The sensor is functional again after the overload has been eliminated.

For further information on MTTF/B10d, please refer to the MTTF / B10d Certificate.

Specification of the MTTF value and the B10d value do not represent any binding quality and/or life expectancy guarantees.

