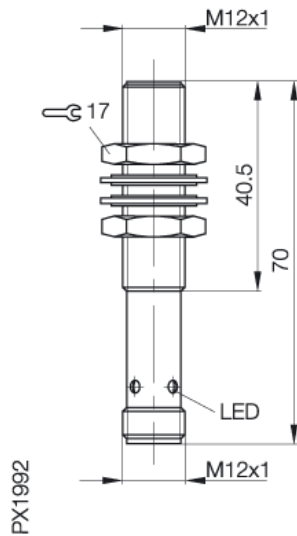


BES 516-325-S 4-C
Inductive Sensors

PNP
NO
flush mountable

BALLUFF
sensors worldwide



Electrical data:

Connection	connector
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	200 mA
Time delay before availability	10 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 8 mA
Off-state current max (Ir)	10 µA
Ripple max. of Ue	= 15 %
Switching output	PNP
Switching element function	NO
Operating frequency (f)	3000 Hz
Voltage drop max. static	1,5 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

Mechanical data:

Number of Wires	3-wire
Tightening torque	20 Nm
Rated operating distance (sn)	2 mm
Diameter	M12x1 mm
Assured operating distance	0...1,6 mm
Mounting	flush mountable
Ambient temperature max	+85 °C
Ambient temperature min	-40 °C
Degree of pollution	3
Sensing face material	PA 12
Housing material	corrosion resistance Steel
Repeat accuracy max. (R)	= 5 %

General data:

Output indication	yes
Short circuit protected	yes
Degree of protection IP	IP68 per BWN Pr 20
Insulation class	2
Protected against polarity reversal	yes
Approval	CE,c_ul_us

wiring



Pinout



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Balluff Asia: +86 21-50 64 41 31

Online Productinformation
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