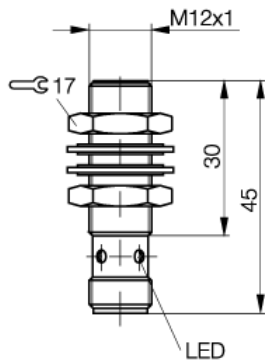


BES 516-375-E5-C-S 4
Inductive Sensors

NPN
NC
flush mountable

BALLUFF
sensors worldwide



PX1246

Electrical data:

Connection	connector
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	200 mA
Time delay before availability	15 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 10 mA
No-load supply current undamped	= 10 mA
Off-state current max (I _r)	10 µA
Ripple max. of U _e	= 15 %
Switching output	NPN
Switching element function	NC
Operating frequency (f)	5000 Hz
Voltage drop max. static	2 V
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	10 V

Mechanical data:

Number of Wires	3-wire
Rated operating distance (s _n)	2 mm
Diameter	M12x1 mm
Assured operating distance	0...1,6 mm
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °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

wiring



Pinout



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Online Productinformation
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