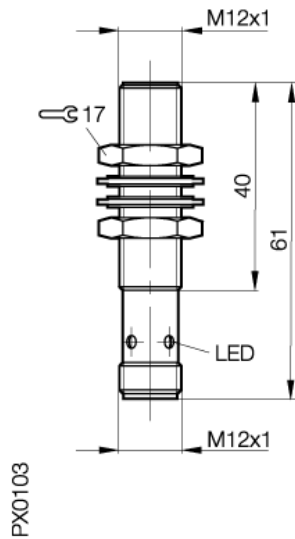


BES 516-325-S 4-CW  
BES02J5

PNP  
NO  
flush mountable, Sn = 2 mm

**BALLUFF**  
sensors worldwide



**Electrical data:**

Hysteresis max (H)	15 %
Switching output	PNP
Connection	Connector S4 (M12)
Time delay before availability	60 ms
No-load supply current damped	= 20 mA
Switching element function	NO
Operating frequency (f)	1000 Hz
Load current capacity (Ie)	200 mA
Utilization category	DC 13
Off-state current max (Ir)	80 µA
Voltage drop max. static	2,5 V
Supply voltage max. (Ub)	30 V
Rated operational voltage (Ue)	24 DC V
Electrical type	DC
Ripple max. of Ue	= 15 %
Supply voltage min. (Ub)	10 V

**Mechanical data:**

Number of Wires	3-wire
Ambient temperature min	-25 °C
Mounting	flush mountable
Ambient temperature max	+70 °C
Repeat accuracy max. (R)	5 %
Housing material	steel, PTFE coated
Rated operating distance (sn)	2 mm
Diameter	M12x1 mm
Assured operating distance	0...1,6 mm
Degree of pollution	3
Sensing face material	PTFE

**General data:**

Short circuit protected	yes
Protected against polarity reversal	yes
Output indication	yes
Degree of protection IP	IP67
Insulation class	2
Approval	CE,c_ul_us
Features	magnetic field immune

**Wiring:**



**Pinout:**



[www.balluff.com](http://www.balluff.com)

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Balluff USA: 1-800-54 3-83 90  
Balluff Asia: +86 21-50 64 41 31

Online Productinformation  
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