

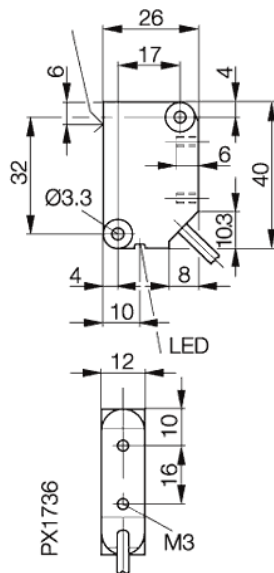
# BES R05KB-PSC40B-EV02

Inductive Sensors

PNP  
NO  
flush mountable

# BALLUFF

sensors worldwide



### Electrical data:

Connection	cable
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	9 mA
Off-state current max (Ir)	80 µA
Ripple max. of Ue	15 %
Switching output	PNP
Switching element function	NO
Operating frequency (f)	400 Hz
Voltage drop max. static	2,5 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

### Mechanical data:

Number of wires	3-wire
Tightening torque	0.25 Nm
Rated operating distance (sn)	4 mm
Assured operating distance	0...3,2 mm
Cable code designation	LiYY-0, 3x0,34mm <sup>2</sup>
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	PA 12
Housing material	PA 12
Repeat accuracy max. (R)	= 5 %

### General data:

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

### wiring



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

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Online Productinformation  
2008-02-15