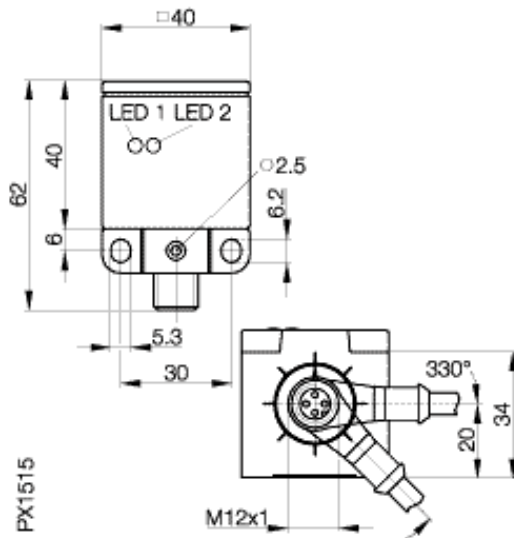


**BES Q40KFU-PSC20A-S04G**  
Inductive Sensors

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	30 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 20 mA
Off-state current max (I <sub>r</sub> )	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. (U <sub>b</sub> )	30 V
Supply voltage min. (U <sub>b</sub> )	10 V

**Mechanical data:**

Number of Wires	3-wire
Rated operating distance (s <sub>n</sub> )	20 mm
Assured operating distance	0...16,2 mm
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	PBTP
Housing material	PBTP
Repeat accuracy max. (R)	= 5 %

**General data:**

Power Indication	yes
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
Features	Factor 1, magnetic field immune

**wiring**



**Pinout**

