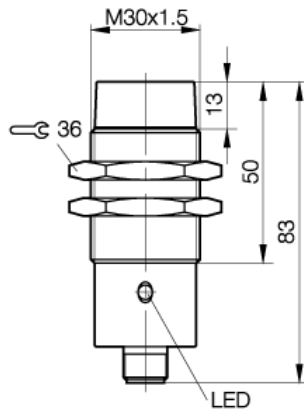


BES 516-3033-S 4-C
BES019N

NPN
NC
non flush mountable



PX0102a

Electrical data:

Load current capacity (I _e)	200 mA
Utilization category	DC 13
Ripple max. of U _e	= 15 %
Time delay before availability	10 ms
Hysteresis max (H)	15 %
Switching output	NPN
Switching element function	NC
Supply voltage min. (U _b)	10 V
Rated operational voltage (U _e)	24 DC V
Electrical type	DC
Off-state current max (I _r)	80 µA
Operating frequency (f)	100 Hz
Voltage drop max. static	2,5 V
Connection	Connector S4 (M12)
No-load supply current damped	= 8 mA
Supply voltage max. (U _b)	30 V

Mechanical data:

Diameter	M30x1.5 mm
Housing material	CuZn, nickel plated
Repeat accuracy max. (R)	5 %
Rated operating distance (s _n)	15 mm
Degree of pollution	3
Sensing face material	PA 12
Number of Wires	3-wire
Ambient temperature min	-25 °C
Assured operating distance	0...12,2 mm
Mounting	non flush mountable
Ambient temperature max	+70 °C

General data:

Degree of protection IP	IP68 per BWN Pr 20
Approval	CE,ULZ1
Short circuit protected	yes
Protected against polarity reversal	yes
Output indication	yes
Insulation class	2

Wiring:



Pinout:

