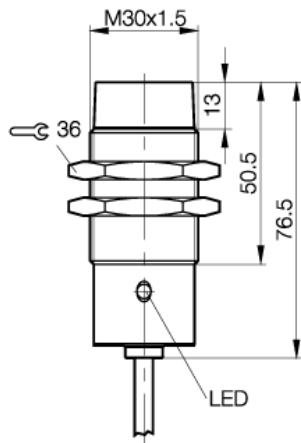


BES 516-3033-BO-C-02
BES019L

NPN
NC
non flush mountable



PX0024a

Electrical data:

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

Mechanical data:

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

General data:

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

Wiring:



Pinout:

