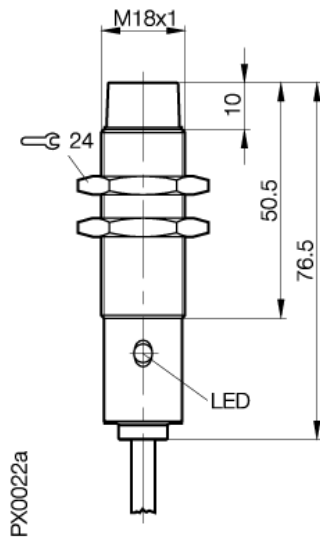


BES 516-3031-BO-C-02
BES019F

NPN
NC
non flush mountable



Electrical data:

Connection	Cable
Electrical type	DC
No-load supply current damped	= 25 mA
Switching output	NPN
Switching element function	NC
Utilization category	DC 13
Hysteresis max (H)	15 %
Off-state current max (I _r)	80 µA
Ripple max. of U _e	= 15 %
Operating frequency (f)	200 Hz
Voltage drop max. static	2.5 V
Time delay before availability	60 ms
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	10 V
Rated operational voltage (U _e)	24 DC V
Load current capacity (I _e)	200 mA

Mechanical data:

Number of wires	3-wire
Assured operating distance	0...6,5 mm
Ambient temperature min	-25 °C
Degree of pollution	3
Ambient temperature max	+70 °C
Sensing face material	PA 12
Housing material	CuZn, nickel plated
Rated operating distance (sn)	8 mm
Diameter	M18x1 mm
Cable code designation	LiYY-O
Mounting	non flush mountable
Repeat accuracy max. (R)	5 %

General data:

Approval	CE,ULZ1
Short circuit protected	yes
Degree of protection IP	IP67
Output indication	yes
Insulation class	2
Protected against polarity reversal	yes

Wiring:

