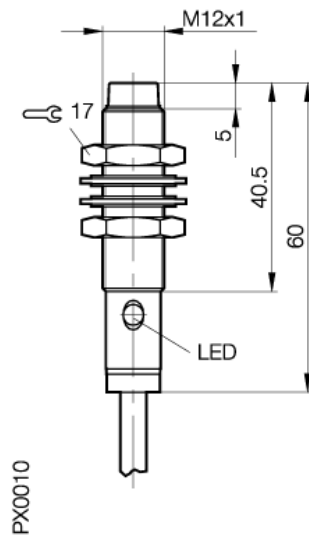


BES 516-3030-BO-C-02
BES019A

NPN
NC
non flush mountable



Electrical data:

Rated operational voltage (Ue)	24 DC V
Utilization category	DC 13
Hysteresis max. (H)	15 %
Switching output	NPN
Switching element function	NC
Load current capacity (Ie)	200 mA
Off-state current max (Ir)	10 µA
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V
Connection	Cable
Electrical type	DC
Ripple max. of Ue	= 15 %
Time delay before availability	30 ms
No-load supply current damped	= 1 mA
Operating frequency (f)	1500 Hz
Voltage drop max. static	1,5 V

Mechanical data:

Number of wires	3-wire
Cable code designation	LiYY-O
Ambient temperature max	+85 °C
Repeat accuracy max. (R)	5 %
Ambient temperature min	-40 °C
Degree of pollution	3
Assured operating distance	0...3,2 mm
Mounting	non flush mountable
Rated operating distance (sn)	4 mm
Diameter	M12x1 mm
Sensing face material	PA 12
Housing material	corrosion resistance Steel

General data:

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

Wiring:

