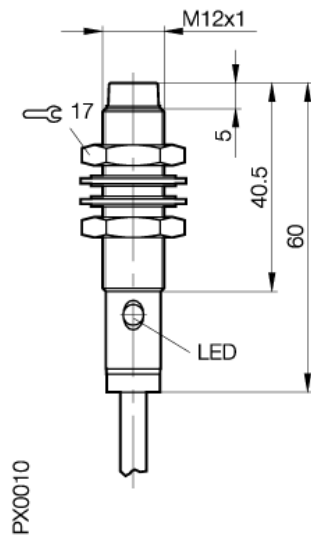


BES 516-3019-BO-C-PU-03
BES018U

PNP
NC
non flush mountable



Electrical data:

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

Mechanical data:

Rated operating distance (s _n)	4 mm
Diameter	M12x1 mm
Ambient temperature min	-40 °C
Degree of pollution	3
Repeat accuracy max. (R)	5 %
Number of wires	3-wire
Cable code designation	LifY-Y-11Y-O
Ambient temperature max	+85 °C
Tightening torque	20 Nm
Assured operating distance	0...3,2 mm
Mounting	non flush mountable
Sensing face material	PA 12
Housing material	corrosion resistance Steel

General data:

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

Wiring:

