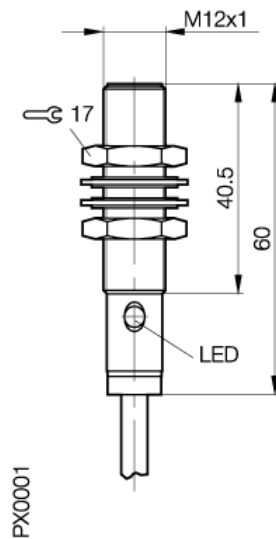


BES 516-118-BO-C-PU-03
BES016A

NPN
NO/NC
flush mountable



Electrical data:

Off-state current max. (I_r)	80 μ A
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
Utilization category	DC 13
Hysteresis max. (H)	15 %
Switching output	NPN
Switching element function	NO/NC
Connection	Cable
Electrical type	DC
Ripple max. of U_e	= 15 %
Time delay before availability	10 ms
No-load supply current damped	= 32 mA
Operating frequency (f)	800 Hz
Voltage drop max. static	2,5 V

Mechanical data:

Ambient temperature min	-25 °C
Degree of pollution	3
Number of wires	4-wire
Assured operating distance	0...1,6 mm
Mounting	flush mountable
Sensing face material	PA 12
Housing material	corrosion resistance Steel
Cable code designation	LifY-Y-11Y-O
Repeat accuracy max. (R)	5 %
Rated operating distance (sn)	2 mm
Diameter	M12x1 mm
Ambient temperature max	+70 °C

General data:

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

Wiring:

