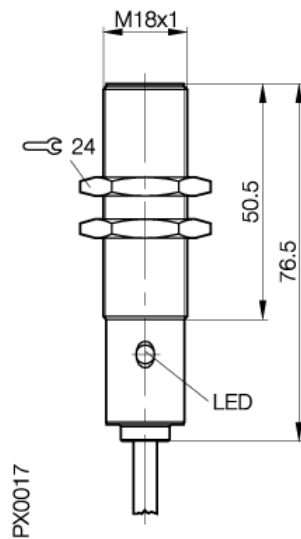


BES 516-111-BO-C-PU-05
BES015T

NPN
NO/NC
flush mountable



Electrical data:

Off-state current max (I _r)	80 µA
Operating frequency (f)	500 Hz
Voltage drop max. static	2,5 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
Time delay before availability	10 ms
No-load supply current damped	= 30 mA
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	10 V
Connection	Cable
Electrical type	DC
Ripple max. of U _e	= 15 %

Mechanical data:

Rated operating distance (s _n)	5 mm
Mounting	flush mountable
Sensing face material	PA 12
Housing material	CuZn, nickel plated
Number of wires	4-wire
Assured operating distance	0...4 mm
Ambient temperature max	+70 °C
Repeat accuracy max. (R)	5 %
Ambient temperature min	-25 °C
Degree of pollution	3
Diameter	M18x1 mm
Cable code designation	LifY-Y-11Y-O

General data:

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

Wiring:

