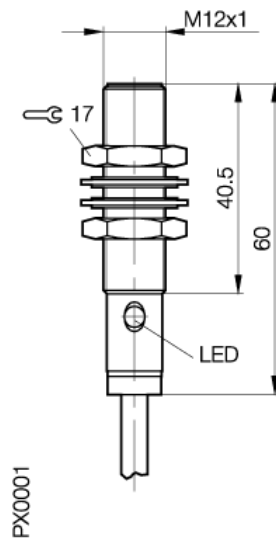


BES 516-543-BO-H-03
BES031U

non polarized
NC
flush mountable



Electrical data:

Minimum operating current (I _m)	5 mA
Off-state current max (I _r)	500 µA
Ripple of power supply	= 15 %
Switching output	non polarized
Switching element function	NC
Operating frequency (f)	2500 Hz
Voltage drop static max	5 V
Supply voltage max DC (U _B)	55 V
Supply voltage min DC (U _B)	10 V
Rated operational voltage DC	24 DC V
Rated operational current (I _e)	200 mA
Time delay before availability	10 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	20 %
Connection	Cable

Mechanical data:

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

General data:

Degree of protection IP	IP68 per BWN Pr 20
Insulation class	2
Protected against polarity reversal	yes
Approval	CE, ULZ2
Output indication	yes
Short circuit protected	yes

Wiring:

