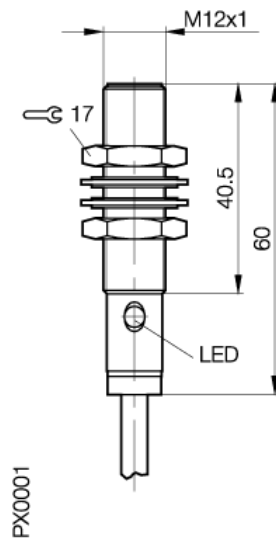


BES 516-118-BO-C-03
BES0168

NPN
NO/NC
flush mountable



Electrical data:

Time delay before availability	10 ms
Rated operational voltage (Ue)	24 DC V
Utilization category	DC 13
Hysteresis max (H)	15 %
Switching output	NPN
Switching element function	NO/NC
Connection	Cable
Electrical type	DC
Off-state current max (Ir)	80 µA
Ripple max. of Ue	= 15 %
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V
Load current capacity (Ie)	200 mA
No-load supply current damped	= 32 mA
Operating frequency (f)	800 Hz
Voltage drop max. static	2,5 V

Mechanical data:

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

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:

