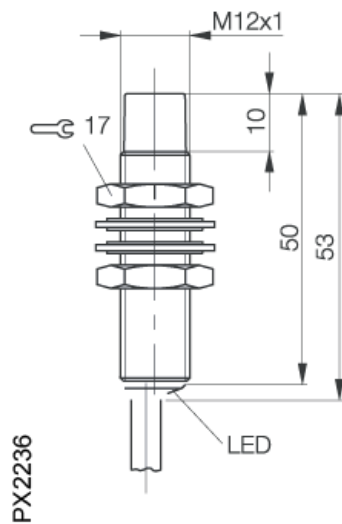


BES M12MG-NSC80F-BV02
BES004E

NPN
NO
non flush mountable



Electrical data:

Connection	Cable
Output resistance (Ra)	33k + D
Electrical type	DC
No-load supply current undamped	3 mA
Off-state current max (I _r)	10 µA
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	10 V
Time delay before availability	20 ms
Load capacitance max	0,5 µF
No-load supply current damped	14 mA
Operating frequency (f)	800 Hz
Voltage drop max. static	2,5 V
Rated operational voltage (U _e)	24 DC V
Load current capacity (I _e)	200 mA
Rated insulation voltage (U _i)	250AC
Hysteresis max (H)	20 %
Ripple max. of U _e	15 %
Utilization category	DC 13
Switching output	NPN
Switching element function	NO

Mechanical data:

Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Rated operating distance (sn)	8 mm
Diameter	M12x1 mm
Housing material	CuZn, Ni free coated
Repeat accuracy max. (R)	5 %
Mounting	non flush mountable
Degree of pollution	3
Sensing face material	PBT
Number of wires	3-wire
Tightening torque	12 Nm
Assured operating distance	0...6,4 mm
Cable code designation	LiYY-O

General data:

Approval	CE,c_ul_us
Insulation class	2
Protected against polarity reversal	yes
Brand	GlobalProx
Degree of protection IP	IP67
Output indication	yes
Short circuit protected	yes

Wiring:

