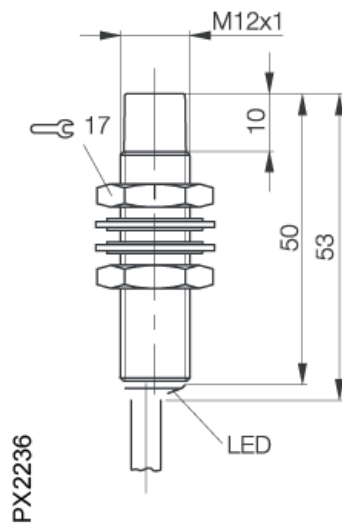


BES M12MG-NOC80F-BV02
BES0049

NPN
NC
non flush mountable



Electrical data:

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

Mechanical data:

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

General data:

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

Wiring:

