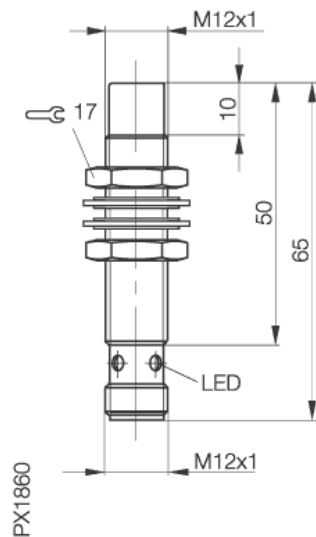


BES M12ML-PSC80E-S04G-W01
BES02K6

PNP
NO
non flush mountable



Electrical data:

Connection	Connector S4 (M12)
Electrical type	DC
No-load supply current undamped	15 mA
Off-state current max (I _r)	80 µA
Supply voltage max. (U _b)	30 V
Time delay before availability	15 ms
Hysteresis max (H)	15 %
Switching output	PNP
Switching element function	NO
Magnetic field strength	100 kA/M
Rated operational voltage (U _e)	24 DC V
Utilization category	DC 13
Ripple max. of U _e	= 10 %
Supply voltage min. (U _b)	10 V
Load current capacity (I _e)	200 mA
No-load supply current damped	= 15 mA
Operating frequency (f)	2000 Hz
Voltage drop max. static	2,5 V

Mechanical data:

Diameter	M12x1 mm
Ambient temperature max	+70 °C
Mounting	non flush mountable
Degree of pollution	3
Sensing face material	Ceramic, coated
Tightening torque	8 Nm
Rated operating distance (sn)	8 mm
Assured operating distance	0...6,3 mm
Housing material	CuZn, PTFE coated
Repeat accuracy max. (R)	5 %
Ambient temperature min	-25 °C

General data:

Insulation class	2
Output indication	yes
Approval	CE,c_ul_us
Degree of protection IP	IP67
Features	Slag resistant
Short circuit protected	yes
Magnetic field immune	yes
Recommended connector	C04 AEL-00-TY-050M
Protected against polarity reversal	yes

Wiring:



Pinout:

