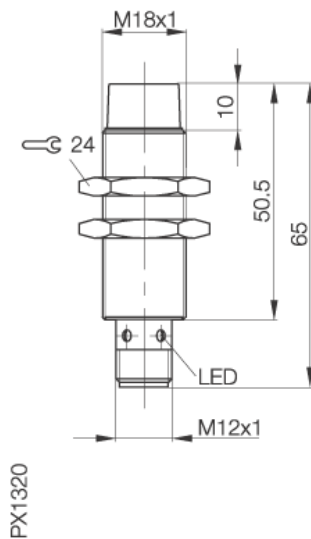


BES M18ML-PSC12E-S04G-W01
BES02KH

PNP
NO
non flush mountable



Electrical data:

Load current capacity (I _e)	200 mA
Off-state current max (I _r)	80 µA
Supply voltage max. (U _b)	30 V
Time delay before availability	15 ms
Switching output	PNP
Switching element function	NO
Magnetic field strength	100 kA/M
Connection	Connector S4 (M12)
Electrical type	DC
No-load supply current damped	= 15 mA
Operating frequency (f)	2500 Hz
Voltage drop max. static	2,5 V
Rated operational voltage (U _e)	24 DC V
Utilization category	DC 13
Hysteresis max (H)	15 %
Ripple max. of U _e	= 10 %
Supply voltage min. (U _b)	10 V

Mechanical data:

Mounting	non flush mountable
Degree of pollution	3
Sensing face material	Ceramic, coated
Diameter	M18x1 mm
Housing material	CuZn, PTFE coated
Repeat accuracy max. (R)	5 %
Ambient temperature max	+70 °C
Rated operating distance (s _n)	12 mm
Assured operating distance	0...9,5 mm
Ambient temperature min	-25 °C

General data:

Output indication	yes
Recommended connector	C04 AEL-00-TY-050M
Protected against polarity reversal	yes
Brand	Factor 1
Degree of protection IP	IP67
Additional text 1	Sn reduced by coating thickness by 0.2mm
Insulation class	2
Features	Factor 1, magnetic field immune, weld immune, ceramic coating
Short circuit protected	yes
Magnetic field immune	yes
Approval	CE,c_ul_us

Wiring:



Pinout:

