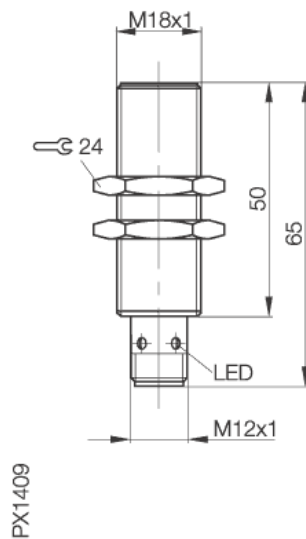


BES M18ML-PSC50A-S04G-W01
BES02KK

PNP
NO
flush mountable



Electrical data:

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

Mechanical data:

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

General data:

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

Wiring:



Pinout:

