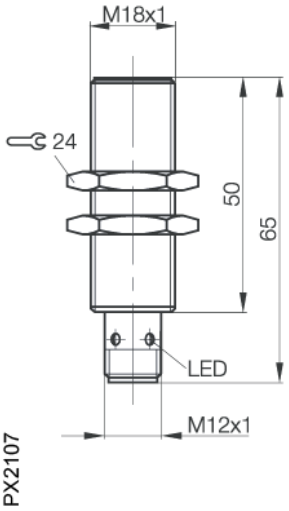
BES M18MI-PSC80B-S04G
Inductive Sensors

PNP
NO
flush mountable

BALLUFF
sensors worldwide



Electrical data:

Connection	connector
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	200 mA
Time delay before availability	15 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 10 mA
No-load supply current undamped	= 5 mA
Off-state current max (Ir)	10 µA
Ripple max. of Ue	= 15 %
Switching output	PNP
Switching element function	NO
Operating frequency (f)	1000 Hz
Voltage drop max. static	2,5 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

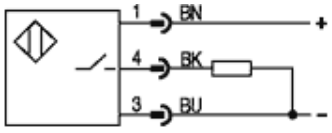
Mechanical data:

Number of Wires	3-wire
Tightening torque	25 Nm
Rated operating distance (sn)	8 mm
Diameter	M18x1 mm
Assured operating distance	0...6,4 mm
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of polution	3
Sensing face material	PBT
Housing material	CuZn, Ni free coated
Repeat accuracy max. (R)	= 5 %

General data:

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

wiring



Pinout

