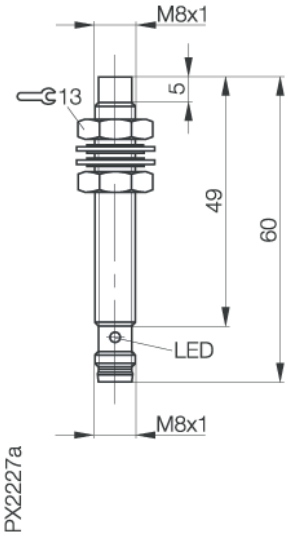
BES M08EH-PSC40F-S49G
Inductive Sensors

PNP
NO
non 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	20 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	1....15 %
Load capacitance max	0,5 µF
No-load supply current damped	10 mA
No-load supply current undamped	3 mA
Off-state current max (Ir)	10 µA
Ripple max. of Ue	15 %
Switching output	PNP
Switching element function	NO
Operating frequency (f)	1500 Hz
Voltage drop max. static	2,5 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

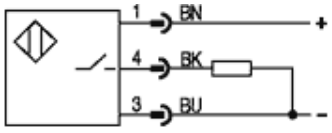
Mechanical data:

Number of Wires	3-wire
Rated operating distance (sn)	4 mm
Diameter	M 8 mm
Assured operating distance	0...3,2 mm
Mounting	non flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of polution	3
Sensing face material	PBT
Housing material	corrosion resistance Steel
Repeat accuracy max. (R)	= 5 %

General data:

Output indication	yes
Short circuit protected	yes
Brand	GlobalProx
Degree of protection IP	IP68 per BWN Pr 20
Insulation class	2
Protected against polarity reversal	yes
Approval	CE,c_ul_us

wiring



Pinout

