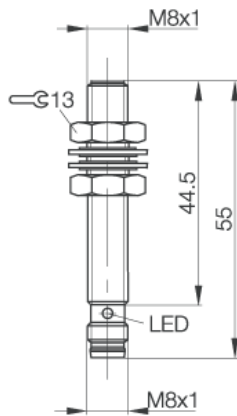


BES 516-343-S49-C
BES01F5

NPN
NO
flush mountable



PX2012

Electrical data:

Rated operational voltage (Ue)	24 DC V
Switching element function	NO
Load current capacity (Ie)	200 mA
Off-state current max (Ir)	20 μ A
Ripple max. of Ue	= 15 %
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V
Time delay before availability	20 ms
Utilization category	DC 13
Hysteresis max (H)	15 %
Switching output	NPN
Connection	Connector S49 (M8)
Electrical type	DC
No-load supply current damped	= 11 mA
No-load supply current undamped	3 mA
Operating frequency (f)	3000 Hz
Voltage drop max. static	1,5 V

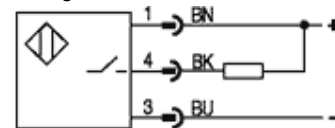
Mechanical data:

Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Rated operating distance (sn)	1,5 mm
Degree of pollution	3
Diameter	M8x1 mm
Mounting	flush mountable
Sensing face material	PA 12
Number of Wires	3-wire
Assured operating distance	0...1,2 mm
Housing material	corrosion resistance Steel
Repeat accuracy max. (R)	5 %

General data:

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

Wiring:



Pinout:

