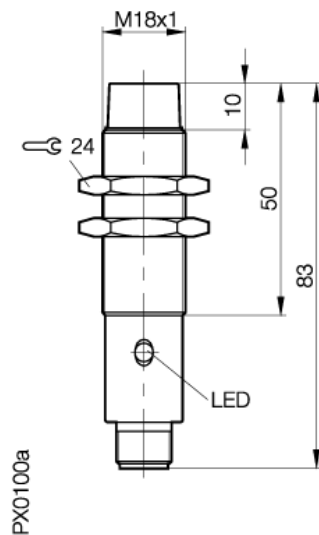


BES 516-3031-S 4-C
BES019H

NPN
NC
non flush mountable



Electrical data:

Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	200 mA
Utilization category	DC 13
Hysteresis max (H)	15 %
Switching output	NPN
Supply voltage min. (Ub)	10 V
Time delay before availability	60 ms
Switching element function	NC
Connection	Connector S4 (M12)
Electrical type	DC
No-load supply current damped	= 8 mA
Operating frequency (f)	200 Hz
Voltage drop max. static	2,5 V
Off-state current max (I _r)	80 µA
Ripple max. of Ue	= 15 %
Supply voltage max. (Ub)	30 V

Mechanical data:

Rated operating distance (sn)	8 mm
Repeat accuracy max. (R)	5 %
Diameter	M18x1 mm
Ambient temperature min	-25 °C
Degree of pollution	3
Number of Wires	3-wire
Assured operating distance	0...6,5 mm
Sensing face material	PA 12
Housing material	CuZn, nickel plated
Mounting	non flush mountable
Ambient temperature max	+70 °C

General data:

Insulation class	2
Approval	CE,ULZ1
Output indication	yes
Short circuit protected	yes
Protected against polarity reversal	yes
Degree of protection IP	IP68 per BWN Pr 20

Wiring:



Pinout:

