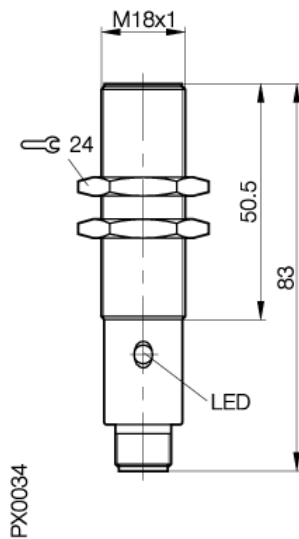


BES 516-111-S 4-C
BES015U

NPN
NO/NC
flush mountable



Electrical data:

Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	200 mA
Hysteresis max (H)	15 %
Switching output	NPN
Utilization category	DC 13
Off-state current max (Ir)	80 µA
Ripple max. of Ue	= 15 %
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V
Time delay before availability	10 ms
Voltage drop max. static	2,5 V
Connection	Connector S4 (M12)
Electrical type	DC
No-load supply current damped	= 30 mA
Switching element function	NO/NC
Operating frequency (f)	500 Hz

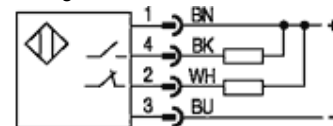
Mechanical data:

Repeat accuracy max. (R)	5 %
Rated operating distance (sn)	5 mm
Diameter	M18x1 mm
Degree of pollution	3
Number of Wires	4-wire
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Assured operating distance	0...4,0 mm
Sensing face material	PA 12
Housing material	CuZn, nickel plated

General data:

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

Wiring:



Pinout:

