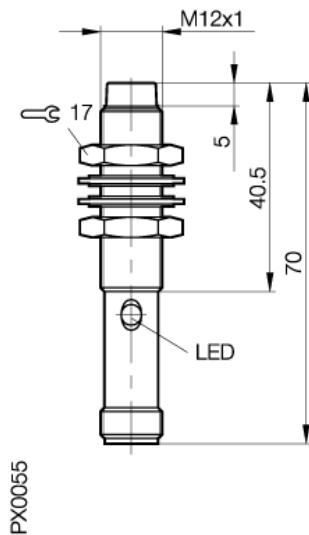


BES 516-3019-S 4-C
BES018Y

PNP
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	PNP
Time delay before availability	20 ms
Operating frequency (f)	1500 Hz
Voltage drop max. static	1,5 V
Off-state current max (Ir)	10 µA
Ripple max. of Ue	= 15 %
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V
Connection	Connector S4 (M12)
Electrical type	DC
No-load supply current damped	= 1 mA
Switching element function	NC

Mechanical data:

Diameter	M12x1 mm
Repeat accuracy max. (R)	5 %
Number of Wires	3-wire
Mounting	non flush mountable
Ambient temperature min	-40 °C
Degree of pollution	3
Rated operating distance (sn)	4 mm
Ambient temperature max	+85 °C
Assured operating distance	0...3,2 mm
Sensing face material	PA 12
Housing material	corrosion resistance Steel

General data:

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

Wiring:



Pinout:

