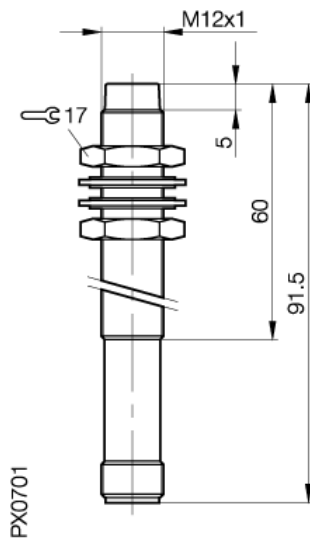


BES 113-3019-SA1-S4
BES02M5

PNP
NC
non flush mountable



Electrical data:

Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	130 mA
No-load supply current damped	= 25 mA
Switching element function	NC
Operating frequency (f)	300 Hz
Connection	Connector S4 (M12)
Electrical type	DC
Off-state current max (Ir)	80 µA
Supply voltage max. (Ub)	30 V
Time delay before availability	50 ms
Hysteresis max (H)	15 %
Switching output	PNP
Supply voltage min. (Ub)	20 V
Utilization category	DC 12
Ripple max. of Ue	= 15 %
Voltage drop max. static	2,5 V

Mechanical data:

Number of Wires	3-wire
Ambient temperature max	+70 °C
Repeat accuracy max. (R)	5 %
Rated operating distance (sn)	3,7 mm
Diameter	M12x1 mm
Assured operating distance	0...2,9 mm
Ambient temperature min	-25 °C
Degree of pollution	3
Tightening torque	10 Nm
Mounting	non flush mountable
Sensing face material	PA 12
Housing material	CuZn, nickel plated

General data:

Degree of protection IP	IP67
Features	function diagnostic
Brand	Diagnostics
Approval	CE
Short circuit protected	yes
Protected against polarity reversal	yes

Wiring:



Pinout:

