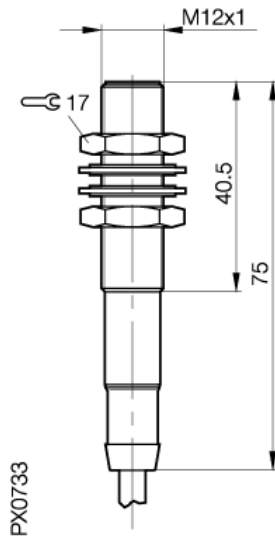


BES 516-325-SA19-03
BES02HU

PNP
NO
flush mountable, Sn = 2 mm

BALLUFF
sensors worldwide



Electrical data:

Operating frequency (f)	1000 Hz
Voltage drop max. static	1,8 V
Connection	Cable
Time delay before availability	10 ms
Electrical type	DC
No-load supply current damped	= 25 mA
Off-state current max (I _r)	80 µA
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	10 V
Rated operational voltage (U _e)	24 DC V
Utilization category	DC 13
Hysteresis max (H)	15 %
Ripple max. of U _e	= 15 %
Switching output	PNP
Load current capacity (I _e)	200 mA
Switching element function	NO

Mechanical data:

Rated operating distance (sn)	2 mm
Diameter	M12x1 mm
Ambient temperature max	+120 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	PAI
Number of wires	3-wire
Assured operating distance	0...1,6 mm
Cable code designation	SI-SL-O
Housing material	CuZn, nickel plated
Repeat accuracy max. (R)	5 %
Mounting	flush mountable

General data:

Short circuit protected	no
Features	pressure rated to 10 bar, temperature rated
Degree of protection IP	IP68 per BWN Pr 20
Approval	CE
Protected against polarity reversal	yes
Additional text 1	Miniature fuse according IEC60127-2 Sheet 1, ≤ 2 A (quick/acting). Fuse must be in load line. Fuse must not be in outp. line

Wiring:

