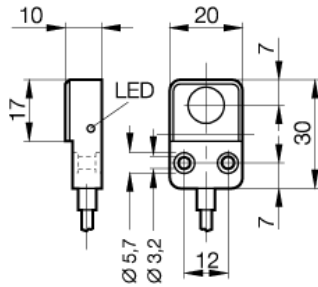


BES 516-300-S255  
BES033H

NPN  
NO  
flush mountable

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sensors worldwide



PX0239

**Electrical data:**

Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	50 mA
Hysteresis max (H)	15 %
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V
Utilization category	DC 13
Switching output	NPN
Switching element function	NO
Time delay before availability	10 ms
No-load supply current damped	= 25 mA
Operating frequency (f)	1500 Hz
Voltage drop max. static	0,5 V
Connection	Cable
Electrical type	DC
Off-state current max (Ir)	80 µA
Ripple max. of Ue	= 15 %

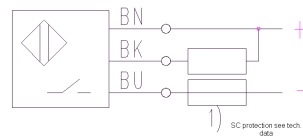
**Mechanical data:**

Ambient temperature max	+70 °C
Mounting	flush mountable
Repeat accuracy max. (R)	10 %
Rated operating distance (sn)	2 mm
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	PBTP
Number of wires	3-wire
Assured operating distance	0...1,6 mm
Cable code designation	LiYY-O
Housing material	Gd Al Si 12

**General data:**

Short circuit protected	no
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
Output indication	yes
Approval	CE
Protected against polarity reversal	yes
Degree of protection IP	IP65

**Wiring:**



[www.balluff.com](http://www.balluff.com)

Balluff Europe: +49 7158 173 -0  
Balluff USA: 1-800-54 3-83 90  
Balluff Asia: +86 21-50 64 41 31

Online Productinformation  
2010-02-11