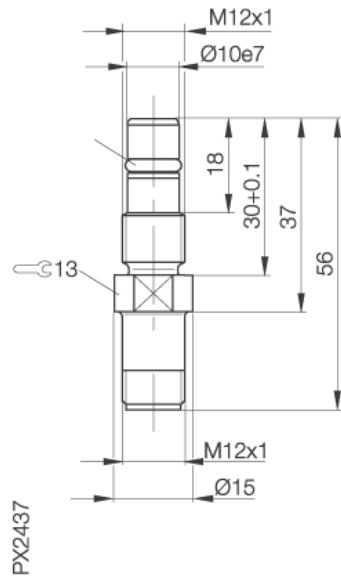


BES 516-300-S318-S4-N
BHS004L

NAMUR

flush mountable



Electrical data:

Switching output	NAMUR
Operating frequency (f)	1000 Hz
Supply voltage max DC (UB)	9 V
Supply voltage min DC (UB)	7,7 V
Current consumption d. max	1 mA
Current consumption und. max	4 mA
Permissible protec. resistance	550...1100 Ohm
Connection	Connector S4 (M12)
Rated operational voltage DC	8.2 DC V
Rated protective resistance	1000 Ohm
Time delay before availability	10 ms
Inductance of oscillator coil	0,5 mH
Self capacitance of sensor max	30 nF
Electrical type	DC

Mechanical data:

Rated operating distance (sn)	1,5 mm
Diameter	M12x1 mm
Assured operating distance	0...1,2 mm
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	POM
Housing material	corrosion resistance Steel
Repeat accuracy max. (R)	5 %

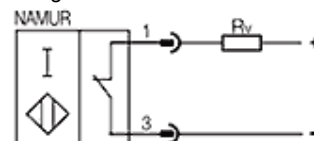
General data:

Power Indication	no
Explosion Proof	Ex II 2 G Ex ia IIC T6
Output indication	no
Degree of protection IP	IP68 per BWN Pr 20
Protected against polarity reversal	yes
Approval	CE, PTB 01 ATEX 2207 X
Features	pressure rated to 500 bar

Additional information:

Basic standard IEC 60947-5-6, EN 60 079-0: 2006, EN 60 079-11: 2007

Wiring:



Pinout:

