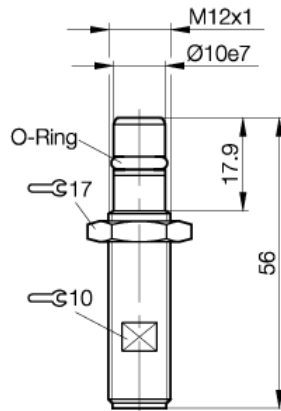


BES 516-300-S249-NEX-S4-D
BHS002W

PNP
NO
flush mountable



PX0211

Electrical data:

Connection	Connector S4 (M12)
Rated operational voltage DC	24 DC V
Rated operational current (Ie)	200 mA
Rated insulation voltage (Ui)	75 VDC
Time delay before availability	50 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current d.	8 mA
No-load supply current und.	3 mA
Off-state current max (Ir)	10 µA
Ripple of power supply	15 %
Switching output	PNP
Switching element function	NO
Operating frequency (f)	2000 Hz
Voltage drop static max	2 V
Supply voltage max DC (UB)	30 V
Supply voltage min DC (UB)	10 V

Mechanical data:

assembly high pressure switch	M12x1
Assured operating distance	0...1,2 mm
Mounting	flush mountable
Ambient temperature max	+80 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	EP
Material of sealing ring	N70B200V
Housing material	1.4104
Repeat accuracy max. (R)	5 %
Size sealing ring	5,3x2,4
Thrust ring material	PTFE
Number of Wires	3-wire
Tightening torque	20 Nm
Rated operating distance (sn)	1,5 mm
High pressure resistance	500 bar
Diameter	M12x1 mm

General data:

Power Indication	no
Explosion Proof	Ex II 3G Ex nA II T4
Output indication	no
Short circuit protected	yes
Degree of protection IP	IP68 per BWN Pr 20
Protected against polarity reversal	yes
Approval	CE, Ex
Features	oil pressure rated up to 500 bar
Part number sealing ring	631753
Part number thrust ring	705918

Additional information:

Basic standard IEC 60947-5-2, EN 60 079-0: 2006, EN 60 079-15: 2005

Wiring:



Pinout:

