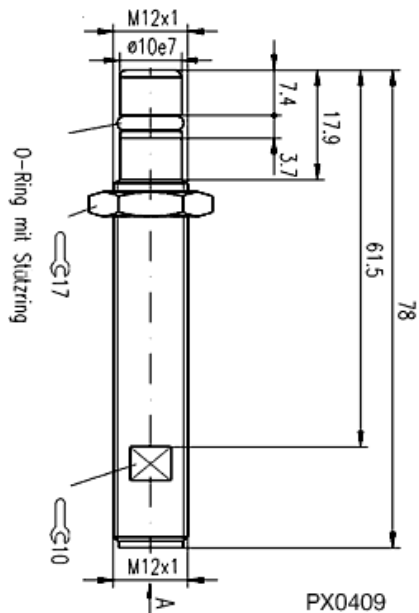


BES 516-300-S321-NEX-S4-D
BHS004M

PNP
NO
flush mountable



Electrical data:

Switching output	PNP
Switching element function	NO
Operating frequency (f)	1000 Hz
Voltage drop static max	1,5 V
Supply voltage max DC (UB)	30 V
Supply voltage min DC (UB)	10 V
No-load supply current und.	1 mA
Off-state current max (Ir)	10 µA
Ripple of power supply	15 %
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	10 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current d.	= 10 mA

Mechanical data:

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	FPM 70
Housing material	1.4104
Repeat accuracy max. (R)	5 %
Size sealing ring	5,85 x 2,4
Number of Wires	3-wire
Tightening torque	25 Nm
Rated operating distance (sn)	1,5 mm
High pressure resistance	350 bar
Diameter	M12x1 mm
Thrust ring material	PTFE
assembly high pressure switch	M12x1

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 350 bar
Part number sealing ring	636594
Part number thrust ring	705918

Wiring:



Pinout:

