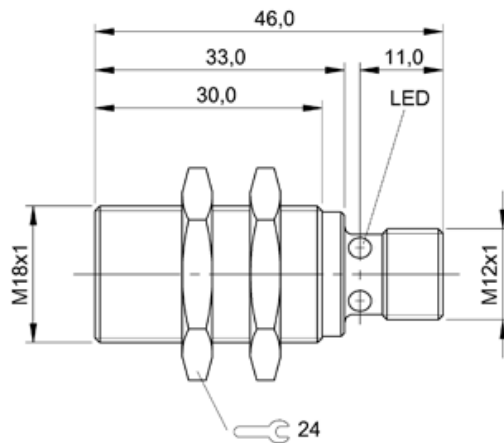


BES M18ME1-GNX80B-S04G-EEX
BES02ZW

NAMUR

flush mountable



Electrical data:

Connection	Connector S4 (M12)
Rated operational voltage DC	8.2 DC V
Rated insulation voltage (Ui)	75 VDC
Rated protective resistance	1000 Ohm
Time delay before availability	30 ms
Inductance of oscillator coil	0,19 mH
Self capacitance of sensor max	200 nF
Electrical type	DC
Switching output	NAMUR
Operating frequency (f)	400 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	2,1 mA

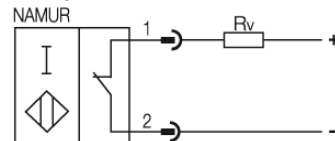
Mechanical data:

Temperature drift max.	10 %
Ambient temperature max	+70 °C
Ambient temperature min	-20 °C
Sensing face material	PBT
Housing material	CuZn, Ni free coated
Repeat accuracy max. (R)	5 %
Number of Wires	2-wire
Tightening torque	35 Nm
Rated operating distance (sn)	8 mm
Diameter	M18x1 mm
Assured operating distance	0...6,4 mm
Mounting	flush mountable
Switch. travel difference max	15 %

General data:

Power Indication	no
Explosion Proof	Ex II 1D Ex iaD 20 T 90°C + Ex II 2G EEx ia IIC T6
Output indication	yes
Degree of protection IP	IP67
Recommended connector	BKS-S220-12-PB-10
Approval	CE, cCSAus, FM

Wiring:



Pinout: