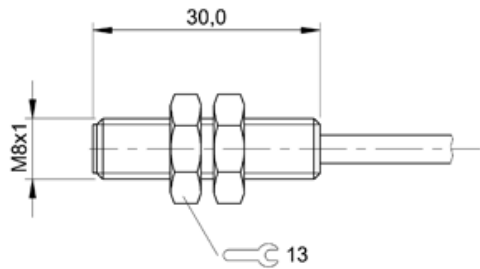


BES M08MD-GNX10B-EV02-EEX
BES02ZT

NAMUR

flush mountable



Electrical data:

Connection	Cable
Rated operational voltage DC	8.2 DC V
Rated insulation voltage (Ui)	75 VDC
Rated protective resistance	1000 Ohm
Time delay before availability	1 ms
Inductance of oscillator coil	0,07 mH
Self capacitance of sensor max	80 nF
Electrical type	DC
Switching output	NAMUR
Operating frequency (f)	2000 Hz
Supply voltage max DC (UB)	9 V
Supply voltage min DC (UB)	7,7 V
Current consumption d. max	1,0 mA
Current consumption und. max	2,1 mA
Permissible protec. resistance	550...1100 Ohm

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
Cable sheath material	PVC
Repeat accuracy max. (R)	5 %
Number of wires	2-wire
Rated operating distance (sn)	1 mm
Diameter	M8x1 mm
Assured operating distance	0...0,8 mm
Cable length	2 m
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	no
Degree of protection IP	IP67
Approval	CE, cCSAus, FM

Wiring:

