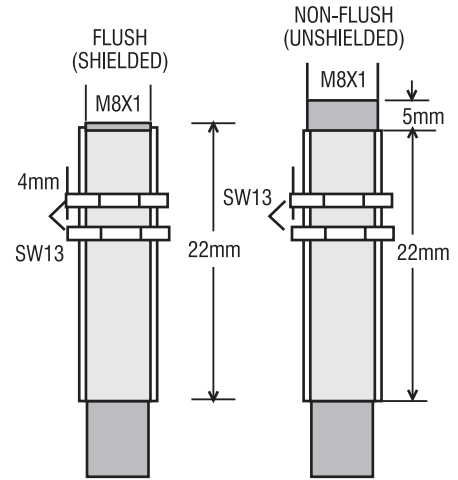


M8 NAMUR INDUCTIVE PROXIMITY SWITCH/SENSOR

1.5mm/2mm
FLUSH / NONFLUSH

OPERATIONAL DATA:

1. MOUNTING IN METAL	FLUSH / NON-FLUSH
2. SWITCHING DISTANCE WITH Fe-ST37 PLATE SIZE 8X8X1mm	1.5mm(FLUSH) 2mm(NON-FLUSH)
3. HYSTERESIS	3% TO 15%
4. REPEATABILITY	0.01mm
5. TEMPERATURE DRIFT	< 10%
6. AMB. TEMP. RANGE	0 DEG.C. TO 70 DEG.C.



ELECTRICAL DATA:

7. NAMUR OPERATIONAL DATA DIN19234/ IS 5780-1980 GR.I, IIA, IIB, IIC	@ Vb=8.2V, @ TEMP=20 DEG.C. Sensing Distance = 1.5mm F / 2.0mm NF@I=1.8mA.
8. OPERATING VOLTAGE RANGE	5V TO 15V ; RL = 1 Kohm. 12V TO 24V ; RL = 2Kohm.
9. RIPPLE	< 10%
10. CURRENT CONSUMPTION	<=1mA.....ACTIVE FACE DAMPED >=4mA.....ACTIVE FACE UNDAMPED 10mA..... MAXIMUM
11. SWITCHING FREQUENCY	3 KHz.

ORDERING CODE: TYPE

PSIBB08NRFOCB02RS	M8/FLUSH/1.5mm
PSIBB08NRNOCB02RS	M8/NONFLUSH/2mm

MECHANICAL DATA:

12. HOUSING	M8X1mm THREADED BRASS BARREL Ni-CHROME PLATED
13. MOUNTING	8mm THRU HOLE FIXING BY M8X1mm TAPPED PAIR OF NUTS
14. TERMINATION	Cu CABLE PVC-INSULATED 2X0.34 Sq. mm

* Please contact factory for different barrel lengths.

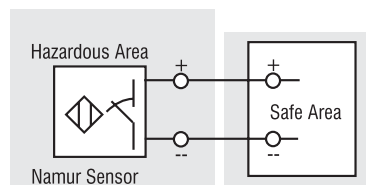


PROTECTION FEATURES:

15. ENVIRONMENTAL	IP67
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CONNECTION DETAILS:

BROWN	+V
BLUE	OV



Certified for Intrinsically Safe area application as per Indian Standard IS 5780-1980 Gr I, IIA, IIB, IIC, equivalent to DIN 19234 / EN 50020 by CMRI, Dhanbad.



Specifications are subject to change without notice.