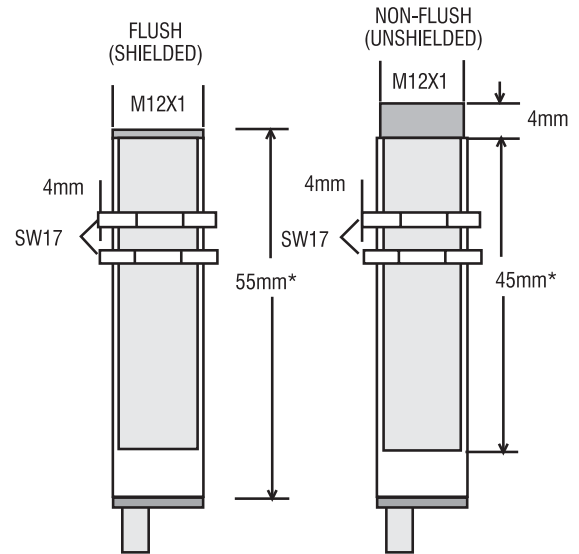


M12 NAMUR INDUCTIVE PROXIMITY SWITCH/SENSOR

2mm/4mm
FLUSH / NONFLUSH

OPERATIONAL DATA:

| | |
|-----------------------|---------------------------|
| 1. MOUNTING IN METAL | FLUSH / NON-FLUSH |
| 2. SWITCHING DISTANCE | |
| With Fe-ST37 PLATE | |
| SIZE 12X12X1mm | 2mm(FLUSH) 4mm(NON-FLUSH) |
| 3. HYSTERESIS | 3% TO 15% |
| 4. REPEATABILITY | 0.01mm |
| 6. TEMPERATURE DRIFT | < 10% |
| 6. AMB. TEMP. RANGE | 0 DEG.C. TO 70 DEG.C. |



ELECTRICAL DATA:

| | |
|----------------------------|---------------------------------|
| 7. NAMUR OPERATIONAL DATA | @ Vb=8.2V, @ TEMP=20 DEG.C. |
| DIN19234/ IS 5780-1980 | Sensing Distance=2. mm F / 4mm |
| GR.I,IIA,IIB,IIC | 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 | 1.5KHz |

ORDERING CODE: TYPE

PSIBB12NRFOCB02RS M12/FLUSH/2mm
PSIBB12NRNOCB02RS M12/NONFLUSH/4mm

MECHANICAL DATA:

| | |
|-----------------|---------------------------------------------------------|
| 12. HOUSING | M12X1mm THREADED BRASS BARREL Ni-CHROME PLATED |
| 13. MOUNTING | 12mm THRU HOLE FIXING BY M12X1mm TAPPED PAIR OF NUTS |
| 14. TERMINATION | Cu CABLE PVC-INSULATED 2X0.34 Sq. mm |

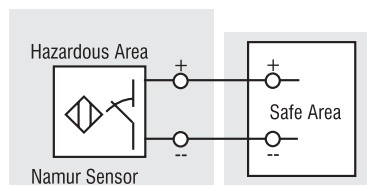
* Please contact factory for different barrel lengths.

PROTECTION FEATURES:

| | |
|-------------------|-------------|
| 16. ENVIRONMENTAL | IP67 |
|-------------------|-------------|

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.