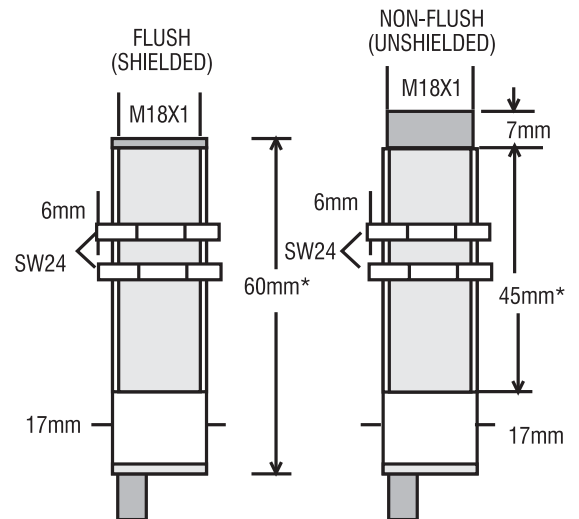


M18 NAMUR INDUCTIVE PROXIMITY SWITCH/SENSOR

5mm/8mm
FLUSH / NONFLUSH

OPERATIONAL DATA:

- | | |
|-----------------------|---------------------------|
| 1. MOUNTING IN METAL | FLUSH / NON-FLUSH |
| 2. SWITCHING DISTANCE | |
| With Fe-ST37 PLATE | |
| SIZE 18X18X1mm | 5mm(FLUSH) 8mm(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 | @ Vb=8.2V, @ TEMP=20 DEG.C. |
| DIN19234/ IS 5780-1980 | Sensing Distance= |
| GR.I,IIA,IIB,IIC | 5mm F / 8mm 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 | 800Hz |

ORDERING CODE:

TYPE

- | | |
|-------------------|------------------|
| PSIBB18NRFOCB02RS | M18/FLUSH/5mm |
| PSIBB18NRNOCB02RS | M18/NONFLUSH/8mm |

MECHANICAL DATA:

- | | |
|-----------------|---|
| 12. HOUSING | M18X1mm THREADED BRASS
BARREL Ni-CHROME PLATED |
| 13. MOUNTING | 18mm THRU HOLE FIXING BY
M18X1mm TAPPED PAIR OF NUTS |
| 14. TERMINATION | Cu CABLE PVC-INSULATED
2X0.34 Sq. mm |

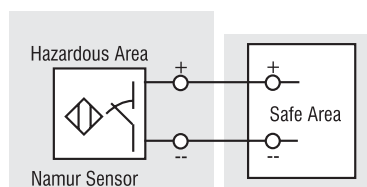
***Please contact factory for different barrel lengths.**

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.