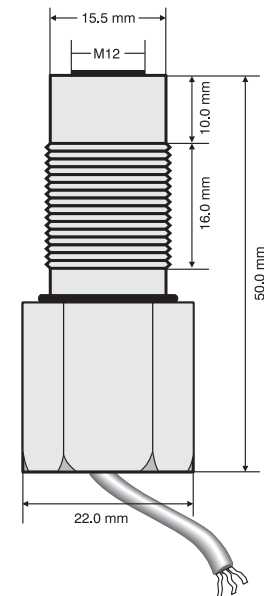


M15 DC INDUCTIVE PROXIMITY SWITCH/SENSOR (SPECIAL BRASS BODY)

**2mm
FLUSH**

OPERATIONAL DATA

| | |
|----------------------|----------------------|
| 1. MOUNTING IN METAL | FLUSH |
| 2. SENSING DISTANCE | 2 mm (FLUSH) |
| With Fe/ST - | |
| 12mm X 12mm X 1mm | |
| 3. HYSTERESIS | 3 % TO 15 % |
| 4. REPEATABILITY | 0.01 mm |
| 5. TEMPERATURE DRIFT | <10% |
| 6. AMB. TEMP. RANGE | 0 DEG. TO 70 DEG. C. |



ELECTRICAL DATA:

| | |
|---------------------------|------------------------|
| 7. OPERATING VOLTAGE | 10 V TO 30 VDC |
| 8. CURRENT CONSUMPTION | <20 mA |
| 9. DROPOUT VOLTAGE | <1V @ max load current |
| 10. SWITCHING FREQUENCY | 1.5 KHz |
| 11. LOAD CURRENT(MAXIMUM) | 200 mA |

ORDERING CODE: TYPE

| | |
|-------------------|---------------------|
| PSIBB15PAFOCB02RS | PNP/200mA/ NO/FLUSH |
| PSIBB15NAFOCB02RS | NPN/200mA/ NO/FLUSH |
| PSIBB15PBFOCB02RS | PNP/400mA/ NO/FLUSH |
| PSIBB15NBFOCB02RS | NPN/400mA/ NO/FLUSH |

MECHANICAL DATA:

| | |
|-----------------|--|
| 12. HOUSING | M15 X 1 mm THREADED BRASS BARREL |
| 13. MOUNTING | 15 mm THRU HOLE FIXING BY M15 X 1 mm TAPPED PAIR OF NUTS |
| 14. TERMINATION | Cu CABLE PVC INSULATED 3 X 0.34 Sq. mm |

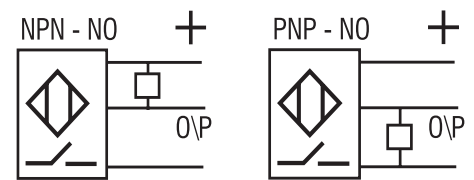


PROTECTION FEATURES:

| | |
|-----------------------|---|
| 15. ENVIRONMENTAL | IP67 (tested and certified by CMRI, Dhanbad) |
| 16. POLARITY REVERSAL | YES |
| 17. OUTPUT | AGAINST INDEFINITE SHORT CIRCUIT |

CONNECTION DETAILS:

| | |
|-------|--------|
| BROWN | + V |
| BLACK | OUTPUT |
| BLUE | 0 V |



Recommended for the application subject to manufacturer's change time to time

Specifications are subject to change without notice.