

M18 DC INDUCTIVE PROXIMITY SWITCH / SENSOR

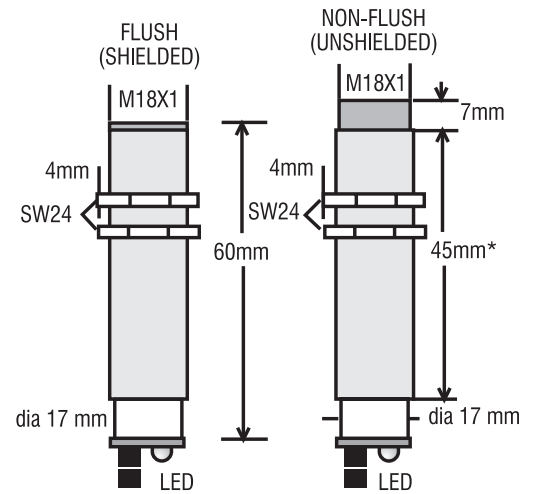
**5mm/8mm
FLUSH / NONFLUSH**

OPERATIONAL DATA:

- | | |
|----------------------|--|
| 1. MOUNTING IN METAL | FLUSH / NON-FLUSH |
| 2. SENSING DISTANCE | 5mm(FLUSH) 8mm(NON-FLUSH)
with Fe/ST37 -18mmX18mmX1mm |
| 3. HYSTERESIS | 3% TO 15% |
| 4. REPEATABILITY | 0.01mm |
| 5. TEMPERATURE DRIFT | < 10% |
| 6. AMB. TEMP. RANGE | 0 DEG.C. TO 100 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 | 800 Hz |
| 11. LOAD CURRENT (MAXIMUM) | 200mA / 400mA |



MECHANICAL DATA:

- | | |
|-----------------|--|
| 12. HOUSING | M18 X 1mm THREADED
TAFLOX BARREL |
| 13. MOUNTING | 18 mm THRU HOLE
FIXING BY M18 X1mm
TAPPED PAIR OF NUTS |
| 14. TERMINATION | TAFLOX CABLE
3X0.34 Sq.mm. |

ORDERING CODE: TYPE

- | | |
|-------------------|-----------------------|
| PSIBE18PAFOCBO2RS | PNP/NO/200mA/FLUSH |
| PSIBE18PAFCCBO2RS | PNP/NC/200mA/FLUSH |
| PSIBE18PBFOCBO2RS | PNP/NO/400mA/FLUSH |
| PSIBE18PBFCCBO2RS | PNP/NC/400mA/FLUSH |
| PSIBE18PANOCBO2RS | PNP/NO/200mA/NONFLUSH |
| PSIBE18PANCCBO2RS | PNP/NO/200mA/NONFLUSH |
| PSIBE18PBNOCBO2RS | PNP/NO/400mA/NONFLUSH |
| PSIBE18PBNCCBO2RS | PNP/NO/400mA/NONFLUSH |
| PSIBE18NAFOCBO2RS | NPN/NO/200mA/FLUSH |
| PSIBE18NAFCCBO2RS | NPN/NC/200mA/FLUSH |
| PSIBE18NBFOCBO2RS | NPN/NO/400mA/FLUSH |
| PSIBE18NBFCCBO2RS | NPN/NC/400mA/FLUSH |
| PSIBE18NANOCBO2RS | NPN/NO/200mA/NONFLUSH |
| PSIBE18NANCCBO2RS | NPN/NC/200mA/NONFLUSH |
| PSIBE18NBNOCBO2RS | NPN/NO/400mA/NONFLUSH |
| PSIBE18NBNCCBO2RS | NPN/NC/400mA/NONFLUSH |

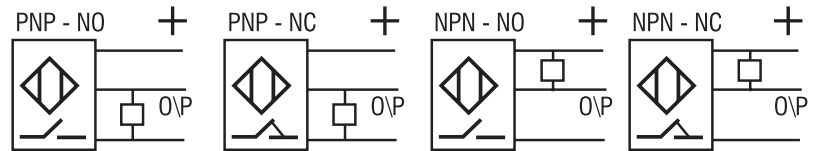
PROTECTION FEATURES:

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

CONNECTION DETAILS:

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

* please contact factory for different barrel lengths.



Specifications are subject to change without notice.