

M18X30 DC INDUCTIVE PROXIMITY SWITCH / SENSOR

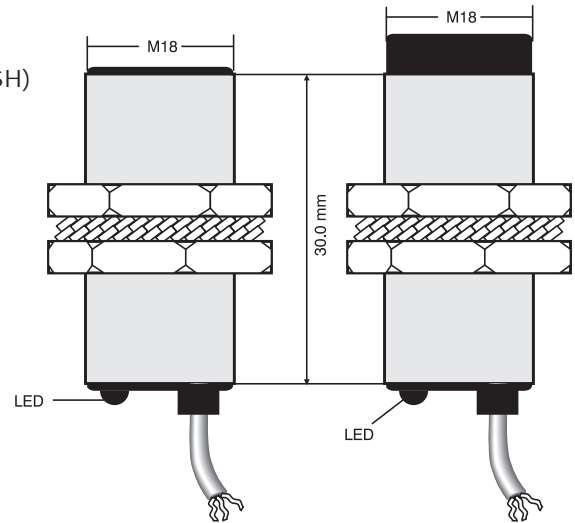
5mm / 8 mm
FLUSH / NON FLUSH

OPERATIONAL DATA:

- | | |
|--|-----------------------------|
| 1. MOUNTING IN METAL | FLUSH / NON FLUSH |
| 2. SENSING DISTANCE
with Fe/ST37 -18mmX18mmX1mm | 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. 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
BRASS BARREL
Ni-CHROME PLATED |
| 13. MOUNTING | 18 mm THRU HOLE
FIXING BY M18 X1mm
TAPPED PAIR OF NUTS |
| 14. TERMINATION | Cu CABLE PVC INSULATED
3X0.34 Sq.mm. |

ORDERING CODE: TYPE

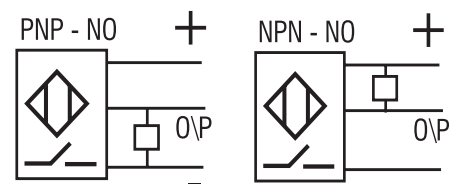
- | | |
|--------------------|-----------------------|
| PSIBB18PAFOCB02RSS | PNP/NO/200mA/FLUSH |
| PSIBB18PBFOCB02RSS | PNP/NO/400mA/FLUSH |
| PSIBB18NAFOCB02RSS | NPN/NO/200mA/FLUSH |
| PSIBB18NBFOCB02RSS | NPN/NO/400mA/FLUSH |
| PSIBB18PANOCB02RSS | PNP/NO/200mA/NONFLUSH |
| PSIBB18PBNOCB02RSS | PNP/NO/400mA/NONFLUSH |
| PSIBB18NANOCB02RSS | NPN/NO/200mA/NONFLUSH |
| PSIBB18NBNOCB02RSS | NPN/NO/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.