

M18 DC INDUCTIVE PROXIMITY SWITCH / SENSOR FOR CROSS ROLL CARDING MACHINE (DOFFER/FLAT SPEED SENSOR)

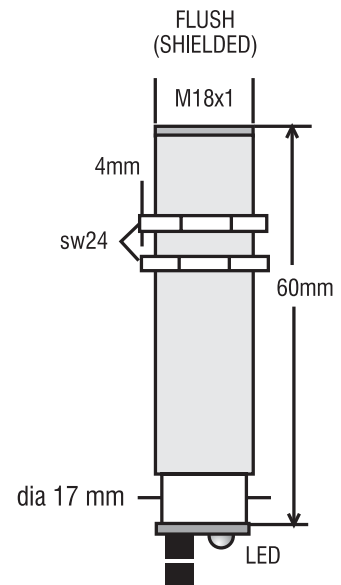
**5mm
FLUSH**

OPERATIONAL DATA:

- | | |
|----------------------|---|
| 1. MOUNTING IN METAL | FLUSH |
| 2. SENSING DISTANCE | 5mm(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 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 |



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 |

OUR PART NO : Eqv. to CROSS-ROLL CARDING MACHINE

PSIBB18NAFOCB03RS #
NPN/NO/200mA/FLUSH

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 |



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

**Please contact factory for different barrel lengths.

Specifications are subject to change without notice.

