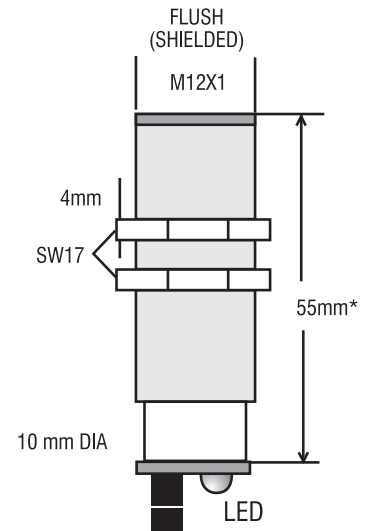


M12 SENSOR FOR CARDING MACHINE

**2 mm
FLUSH**

OPERATIONAL DATA :

- | | |
|---|-----------------------|
| 1. MOUNTING IN METAL | FLUSH |
| 2. SWITCHING DISTANCE WITH
Fe-ST37 PLATE
SIZE-12mm X 12mm X 1mm | 2mm(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 | 1.5 KHz |
| 11. LOAD CURRENT (max) | 200mA |

OUR PART NO :

PSIBB12PAFOCB03RS #

MECHANICAL DATA:

- | | |
|-----------------|--|
| 12. HOUSING | M12X1mm THREADED BRASS
BARREL Ni-CHROME PLATED |
| 13. MOUNTING | 12mm THRU HOLE FIXING BY
M12X1mm
TAPPED PAIR OF NUTS |
| 14. TERMINATION | Cu CABLE PVC INSULATED 3X0.34 Sq.mm. |

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 | 0V |



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.

