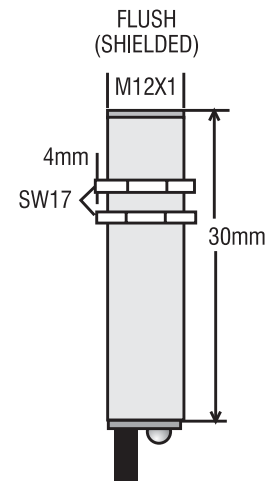


M12 NAMUR FOR CROSS ROLL CARDING MACHINE

**2mm
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. NAMUR OPERATIONAL DATA | @ Vb=8.2V, @ TEMP=20 DEG.C. Sensing Distance = 2.mm F |
| DIN19234/ IS 5780-1980 | GR.I,IIA,IIB,IIC |
| 8. OPERATING VOLTAGE RANGE | 5V TO 15V ; R _L = 1 Kohm.
12V TO 24V ; R _L =2Kohm. |
| 9. RIPPLE | <10% |
| 10. CURRENT CONSUMPTION | <= 1mA..... ..ACTIVE FACE DAMPED
>= 4mA..... ..ACTIVE FACE UNDAMPED
10mA..... .. MAXIMUM |
| 11. SWITCHING FREQUENCY | 1.5KHz |

ORDERING CODE: TYPE

PSIBB12NRFOCB03RS M12/FLUSH/2mm
Eqv.to Cross roll
carding machine #

MECHANICAL DATA:

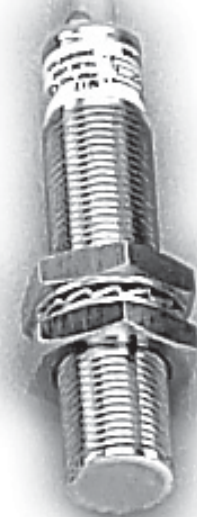
- | | |
|-----------------|---|
| 12. HOUSING | M12X1mm THREADED BRASS
BARREL Ni-CHROME PLATED |
| 13. MOUNTING | 12mm THRU HOLE FIXING BY
M12X1mm TAPPED PAIR OF NUTS |
| 14. TERMINATION | Cu CABLE PVC-INSULATED
2X0.34 Sq.mm |

PROTECTION FEATURES:

- | | |
|-------------------|-------------|
| 16. ENVIRONMENTAL | IP67 |
|-------------------|-------------|

CONNECTION DETAILS:

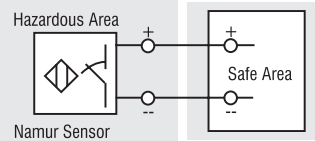
- | | |
|-------|----|
| BROWN | +V |
| BLUE | OV |



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.



Certified for Intrinsically Safe area application as per Indian Standard IS 5780-1980 Gr I,IIA, IIB, IIC, equivalent to DIN 19234 / EN 50020 by CMRI, Dhanbad.

