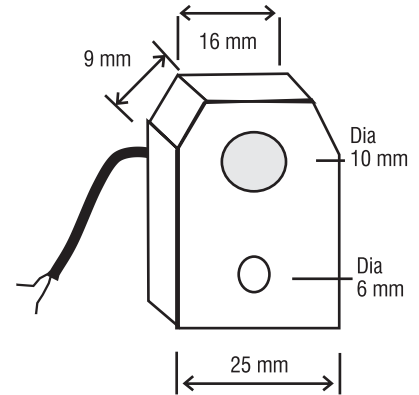


**SENSING HEAD D1 (TSN SENSOR) FOR SULZER PU. MODEL S.S BODY**

**2mm SHIELDED**

**OPERATIONAL DATA:**

- |                                       |                       |
|---------------------------------------|-----------------------|
| 1. MOUNTING IN METAL                  | SHIELDED              |
| 2. SWITCHING DIST. WITH Fe-ST37 PLATE |                       |
| SIZE 12mm X 12mm X 1mm                | 2mm                   |
| 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   |
| <b>DIN19234/IS 5780-1980</b> | DISTANCE = 2mm                      |
| <b>GR.I,IIA,IIB,IIC</b>      | @ I =1.8mA                          |
| 8. OPERATING VOLTAGE RANGE   | 5V TO 15V ; R <sub>L</sub> = 1 Kohm |
|                              | 12V TO 24V ; R <sub>L</sub> =2Kohm  |
| 9. RIPPLE                    | <10%                                |
| 10. CURRENT CONSUMPTION      | <=1mA..... ACTIVE FACE DAMPED       |
|                              | >=4mA.....ACTIVE FACE UNDAMPED      |
|                              | 10mA..... . MAXIMUM                 |
| 11. SWITCHING FREQUENCY      | 2KHz.                               |

**OUR PART NO.**

PSISP1NAMUR

**Eqv. to MODLE NAME**

SULZER VSD/SSD #

**MECHANICAL DATA:**

- |                      |                        |
|----------------------|------------------------|
| 12. HOUSING/MOUNTING | S.S BODY HOUSING       |
| 13. TERMINATION      | Cu CABLE PVC INSULATED |
|                      | 2X0.34 Sq.mm.          |

**PROTECTION FEATURES:**

- |                   |             |
|-------------------|-------------|
| 14. ENVIRONMENTAL | <b>IP67</b> |
|-------------------|-------------|

**CONNECTION DETAILS:**

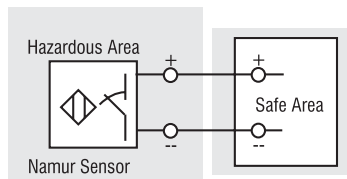
- |        |     |
|--------|-----|
| WHITE  | +VE |
| YELLOW | -VE |



# 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.

