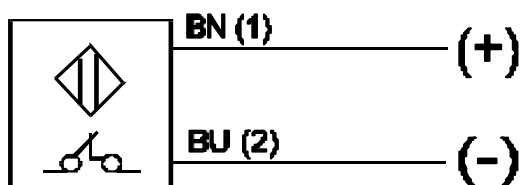


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

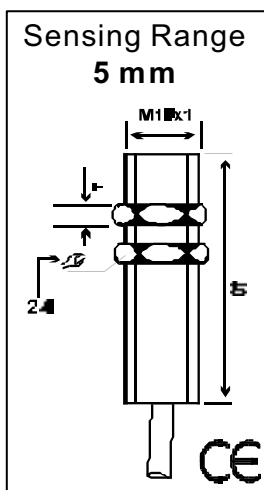
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

## CONNECTION DIAGRAMS



PVC Cable  
(For Metal Housing)  
IP-67 Protection  
(For PBTP Housing)  
IP-68 Protection



**Supply Voltage**

8 VDC

**Mounting**

Flush

**Current Consumption**

(A) Active Face Free

$\geq 3\text{mA}$

(B) Active Face Covered

$\leq 1\text{mA}$

**Intrinsic Capacitance**

69nF

**Intrinsic Inductance**

52mH

**Switching Frequency**

500Hz

**Switching Hysteresis**

3%

**Standard Target(Ferrous)**

18x18x1

**Cable (Cross Section)**

0.75mm<sup>2</sup>

## Ordering Chart

**METAL HOUSING**

**NJ 5-18-GM-N**

ART. NO. : (SIN011M2)

**SYNTHETIC HOUSING**