
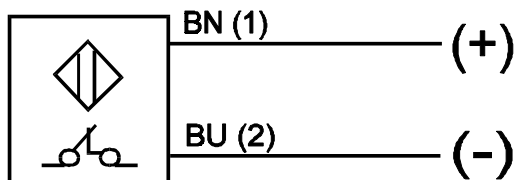


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

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

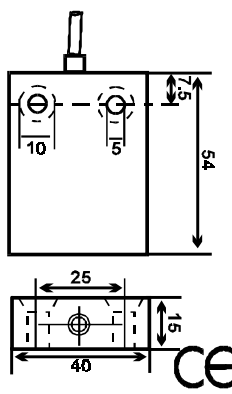
For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

## CONNECTION DIAGRAMS



PVC Cable  
IP-68 Protection

Sensing Range  
2 mm



**Supply Voltage**

8 VDC

**Mounting**

Non Flush

**Current Consumption**

(A) Active Face Free

$\geq 3\text{mA}$

(B) Active Face Covered

$\leq 1\text{mA}$

**Intrinsic Capacitance**

36nF

**Intrinsic Inductance**

43 $\mu\text{H}$

**Switching Frequency**

1500Hz

**Switching Hysteresis**

3%

**Standard Target(Ferrous)**

12x12x1

**Cable (Cross Section)**

0.34mm<sup>2</sup>

## Ordering Chart

**METAL HOUSING**

**SYNTHETIC HOUSING**

**NJ2-F-N**

ART. NO. : (SIN020S2)