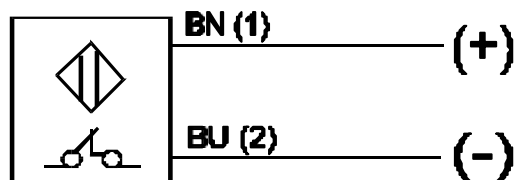


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

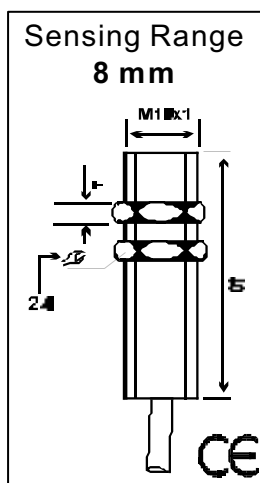
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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

Non Flush

Current Consumption

(A) Active Face Free

$\geq 3\text{mA}$

(B) Active Face Covered

$\leq 1\text{mA}$

Intrinsic Capacitance

69nF

Intrinsic Inductance

55mH

Switching Frequency

200Hz

Switching Hysteresis

3%

Standard Target(Ferrous)

24x24x1

Cable (Cross Section)

0.75mm<sup>2</sup>

## Ordering Chart

METAL HOUSING

SYNTHETIC HOUSING

NJ 8-18-GK-N

ART. NO. : (SIN012S2)