
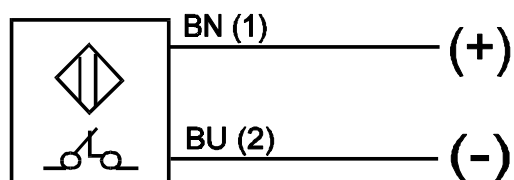


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

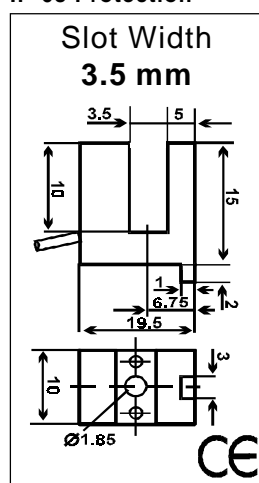
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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

## CONNECTION DIAGRAMS



PVC Wire  
IP-68 Protection



Supply Voltage

8 VDC

### Mounting

#### Current Consumption

(A) Active Face Free  $\geq 3\text{mA}$

(B) Active Face Covered  $\leq 1\text{mA}$

Intrinsic Capacitance 34nF

Intrinsic Inductance 52μH

Switching Frequency 3000Hz

Switching Hysteresis 3%

Standard Target(Ferrous) 10x7x0.3

Cable (Cross Section) 0.07mm<sup>2</sup>

## Ordering Chart

### METAL HOUSING

### SYNTHETIC HOUSING

SJ 3.5-N

ART. NO. : (SIN025S1)