
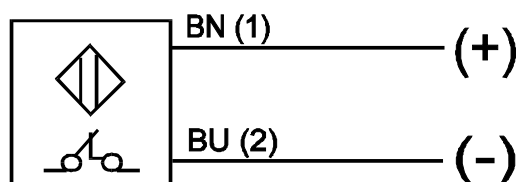


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

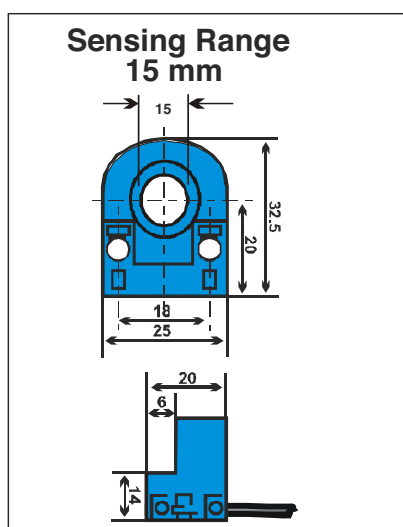
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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  
Temp. -20 ° to 100 °C  
Nominal Amb.Temp. -20 ° to 55 °C



Supply Voltage

8 VDC

Mounting

Non Flush

Current Consumption

(A) Active Face Free

≥ 3mA

(B) Active Face Covered

≤ 1m

Assured operat. dist. S a [mm]

0...3.24

Intrinsic Capacitance

31nF

Intrinsic Inductance

48 μH

Switching Frequency

2000Hz

Switching Hysteresis

3%

Standard Target(Ferrous)

D = 3MM , H = 6MM

Cable (Cross Section)

0.34mm<sup>2</sup>

## Ordering Chart

METAL HOUSING

RJ 15-14-N

ART. NO. : (SIN 023 S2)

SYNTHETIC HOUSING