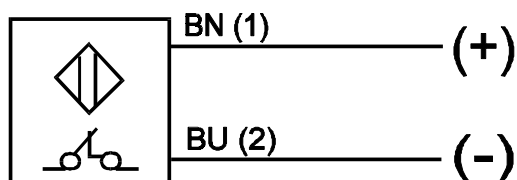


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

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

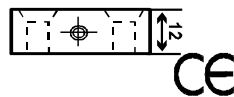
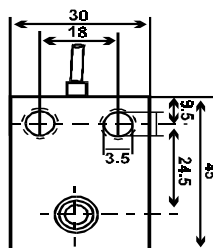
For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

CONNECTION DIAGRAMS



PVC Cable
IP-68 Protection

Sensing Range
6 mm



Supply Voltage

8 VDC

Mounting

Non Flush

Current Consumption

(A) Active Face Free

≥ 3mA

(B) Active Face Covered

≤ 1m

Intrinsic Capacitance

69nF

Intrinsic Inductance

110 μH

Switching Frequency

5000Hz

Switching Hysteresis

3%

Standard Target(Ferrous)

d=2.5mm, l=4mm

Cable (Cross Section)

0.34mm²

Ordering Chart

METAL HOUSING

SYNTHETIC HOUSING

NJ6-F-N

ART. NO. : (SIN021S2)