




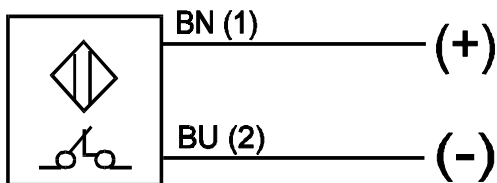
# NAMUR Proximity Switches

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.

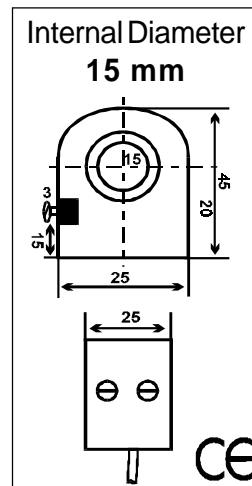
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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

## CONNECTION DIAGRAMS



PVC Cable  
IP-68 Protection



Supply Voltage

8 VDC

Mounting

Current Consumption

(A) Active Face Free

$\geq 3\text{mA}$

(B) Active Face Covered

$\leq 1\text{m}$

Intrinsic Capacitance

31nF

Intrinsic Inductance

34 $\mu\text{H}$

Switching Frequency

1500Hz

Switching Hysteresis

Standard Target(Ferrous)

d=3mm, l=6mm

Cable (Cross Section)

0.75mm<sup>2</sup>

## Ordering Chart

METAL HOUSING

SYNTHETIC HOUSING

RJ 15-N

ART. NO. : (SIN022S2)

AS THE MARKET REQUIRES A CONTINUOUS UPDATE / IMPROVEMENT DATA IS SUBJECT TO CHANGE WITHOUT NOTICE.

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Osna Electronics Pvt. Ltd. was earlier P and F Electronics P. Ltd., founded in the year 1985 as a joint venture up-to 1990 with M/s. Pepperl + Fuchs GmbH, Germany.

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