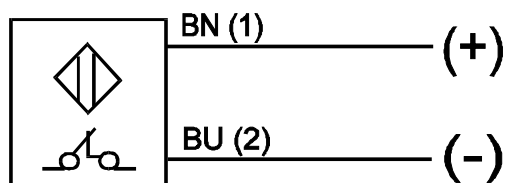


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

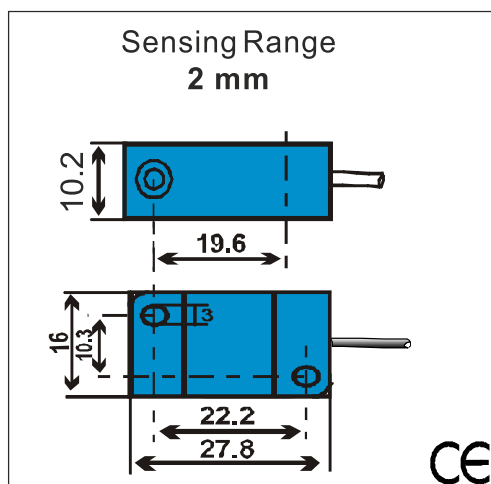
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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

CONNECTION DIAGRAMS



PBTP Housing
PVC Cable
IP-68 Protection
Temp. -20 ° to 100 °C
Nominal Amb.Temp. -20 ° to 55 °C



Supply Voltage

8 VDC

Mounting

Flush

Current Consumption

(A) Active Face Free

≥ 3mA

(B) Active Face Covered

≤ 1m

Assured operat. dist. S a [mm]

0....8.1

Intrinsic Capacitance

35nF

Intrinsic Inductance

50μH

Switching Frequency

1000Hz

Switching Hysteresis

3%

Standard Target(Ferrous)

12x12x1

Cable (Cross Section)

0.14mm²

Ordering Chart

METAL HOUSING

NJ 2V3-N

ART. NO. : (SIN 024 S0.3)

SYNTHETIC HOUSING

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

03/2003

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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