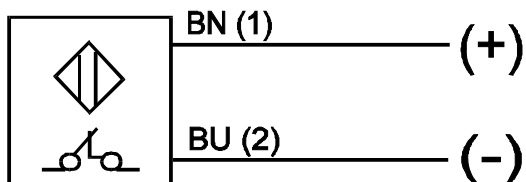


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

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

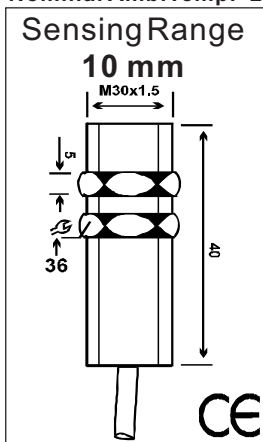
For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

CONNECTION DIAGRAMS



Flush

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

Flush

Current Consumption

(A) Active Face Free

≥ 3mA

(B) Active Face Covered

≤ 1m

Assured operat. dist. S a [mm]

0...8.1

Intrinsic Capacitance

145nF

Intrinsic Inductance

102μH

Switching Frequency

300Hz

Switching Hysteresis

3 %

Standard Target(Ferrous)

30x30x1

Cable (Cross Section)

0.75mm²

Ordering Chart

METAL HOUSING

NJ 10-30-GM-N

ART. NO. : (SIN 017 M10)

SYNTHETIC HOUSING