




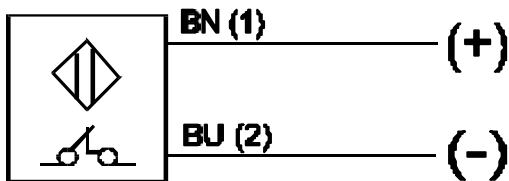
NAMUR Proximity Switches

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.

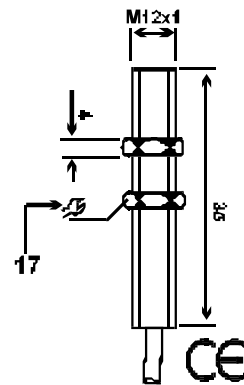
For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

CONNECTION DIAGRAMS



PVC Cable
(For Metal Housing)
IP-67 Protection
(For PBTP Housing)
IP-68 Protection

Sensing Range
4 mm



Supply Voltage

8 VDC

Mounting

Non Flush

Current Consumption

(A) Active Face Free

$\geq 3\text{mA}$

(B) Active Face Covered

$\leq 1\text{mA}$

Intrinsic Capacitance

36nF

Intrinsic Inductance

48mH

Switching Frequency

1500Hz

Switching Hysteresis

3%

Standard Target(Ferrous)

12x12x1

Cable (Cross Section)

0.34mm²

Ordering Chart

METAL HOUSING

SYNTHETIC HOUSING

NJ 4-12-GK-N

ART. NO. : (SIN010S2)