



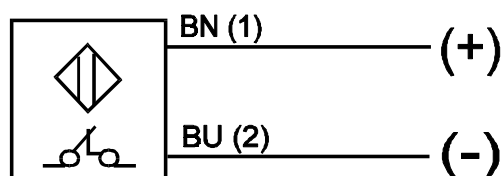
NAMUR Proximity Switches

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.

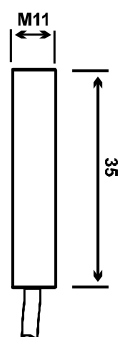
For Example : OSNA OS-Ex-2G also certified as Intrinsic Safe by BUREAU VERITAS.

CONNECTION DIAGRAMS



PVC Cable
IP-68 Protection

Sensing Range
2 mm



CE

Supply Voltage	8 VDC
Mounting	Flush
Current Consumption	
(A) Active Face Free	$\geq 3\text{mA}$
(B) Active Face Covered	$\leq 1\text{mA}$
Intrinsic Capacitance	36nF
Intrinsic Inductance	43 μH
Switching Frequency	2000Hz
Switching Hysteresis	3%
Standard Target(Ferrous)	11x11x1
Cable (Cross Section)	0.34mm ²

Ordering Chart

METAL HOUSING

SYNTHETIC HOUSING

NJ 2-11-N

ART. NO. : (SIN005M2)

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

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Osna Electronics Pvt. Ltd. No. 4 & 5, Phase IV, Okhla Industrial Estate, New Delhi, INDIA.
TEL. : 091-011- 41023750-752 . Email : osna@osnaelectronics.net

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