



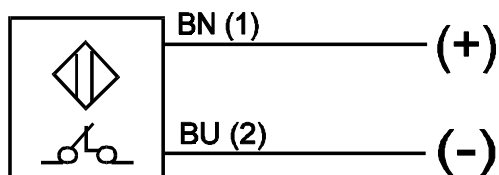
NAMUR Proximity Switches

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-67 Protection

Sensing Range
1.5 mm



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	35nF
Intrinsic Inductance	35 μH
Switching Frequency	5000Hz
Switching Hysteresis	5%
Standard Target(Ferrous)	8x8x1
Cable (Cross Section)	0.14mm ²

Ordering Chart

METAL HOUSING	NJ 1.5-6.5-N	ART. NO. : (SIN003M2)
SYNTHETIC HOUSING		

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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