

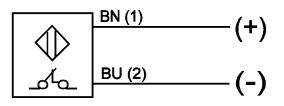
## **NAMUR Proximity Switches**

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.

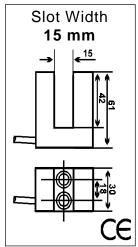
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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

## **CONNECTION DIAGRAMS**







Supply Voltage 8 VDC

Mounting	
Current Consumption	
(A) Active Face Free	≥ 3mA
(B) Active Face Covered	<u>≤</u> 1m
Intrinsic Capacitance	136nF
Intrinsic Inductance	635µH
Switching Frequency	1000Hz
Switching Hysteresis	3%
Standard Target(Ferrous)	30x30x1
Cable (Cross Section)	0.75mm²

## **Ordering Chart**

METAL HOUSING		
SYNTHETIC HOUSING	SJ 15-N	ART. NO. : (SIN028S2)

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.