
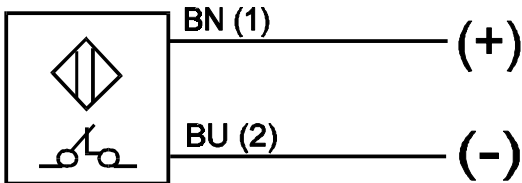


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

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  
5 mm



CE

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	48 $\mu\text{H}$
Switching Frequency	2000Hz
Switching Hysteresis	3%
Standard Target(Ferrous)	15x15x1
Cable (Cross Section)	0.34m

## Ordering Chart

METAL HOUSING		
SYNTHETIC HOUSING	NJ 5-11-N	ART. NO. : (SIN006M2)

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

03/2003