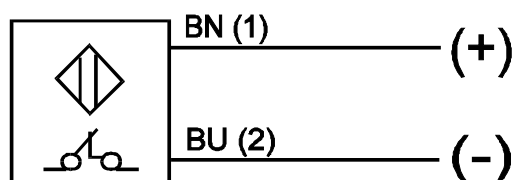


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

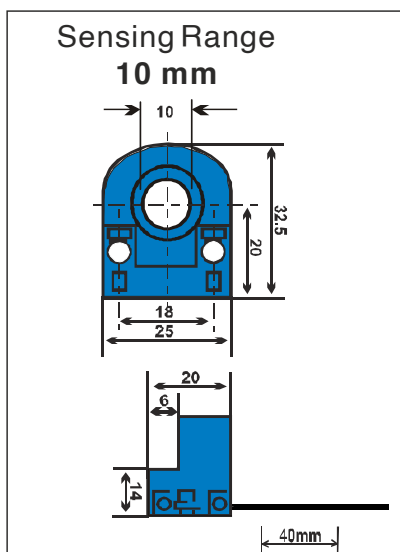
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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

CONNECTION DIAGRAMS



PVC Cable
IP-67 Protection



Example



Supply Voltage	8 VDC
Current Consumption	$\geq 3\text{mA}$
(A) Active Face Free	$\leq 1\text{m}$
(B) Active Face Covered	0...3.24
Assured operat. dist. S a [mm]	35nF
Intrinsic Capacitance	15 μH
Intrinsic Inductance	2000Hz
Switching Frequency	3%
Switching Hysteresis	D = 2.5MM , L = 3 MM
Standard Target(Ferrous)	0.34mm ²

Cable (Cross Section)

Ordering Chart

RJ 10-14-Bi

ART. NO. : (SIN 085 S2)

METAL HOUSING

SYNTHETIC HOUSING