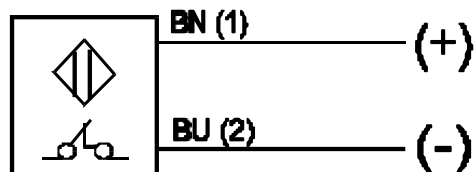


OSNA NAMUR Proximity Switches have been approved by BUREAU VERITAS as per Certificate No. EPS 16 ATEX 1 047  II 2G Ex ia IIC T4 Gb for Intrinsic Safety.

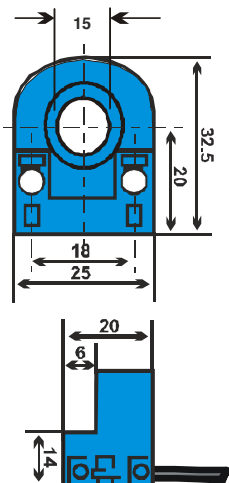
These Switches can be installed in a Hazardous Area Gas Group IIC and connected through a Isolation Trip Amplifier.

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

CONNECTION DIAGRAM



Sensing Range 15 mm



PVC Cable
(For Metal Housing)
IP-67 Protection
(For PBTP Housing)
IP-68 Protection
Temp. -20 ° to 100 °C
Nominal Amb.Temp. -20 ° to 55 °C

Measuring Cylinder		Fe-metal
Diameter	(mm)	333
Length	(mm)	6
Nominal Voltage	(V)	8 V
Current Consumption		
Sensing Face Covered	(mA)	$\geq 5\text{mA}$
Sensing Face Free	(mA)	$\leq 3\text{mA}$
Feed Speed	(m/s)	10
Self Inductance	(mH)	120
Self Capacitance	(nH)	90
Protection		IP-67
Connection		2 m, PVC-Cable
Conductor Cross Section		0.14mm ²
Operating Temperature	(°C)	-20 , + 70 °
SYNTHETIC HOUSING		RJ 15-14-Bi (ART. NO. SIN054M2)