

EXPLOSION-PROOF WIRELESS PRESSURE GAUGE

Industrial IoT Monitoring Solution



Explosion-proof Design
II 2G Ex ib IIB T4 Gb



IP65 Protection
Dust-tight and water resistant



LoRaWAN Communication
Long range, low power, secure



-1- Years Battery Life
Ultra-low power consumption



LCD Display
Real-time data on site



High Accuracy
Up to $\pm 0.1\%FS$



Stainless Steel 316L
Wetted parts for corrosive media



Remote Monitoring
Real-time data, alarm, history & analysis



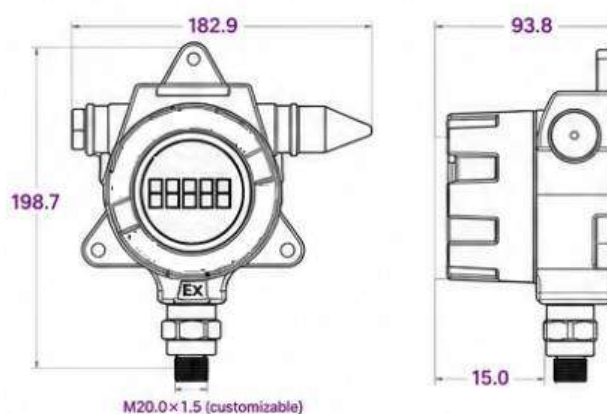
Reliable Pressure Monitoring
for Oil & Gas Industry

www.danialmoj.com

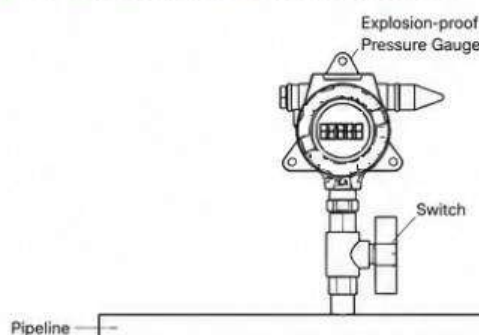
TECHNICAL SPECIFICATIONS

Item	Specification
Working Power	3.6V Lithium Battery Powered
Battery Life	-1- Years (Depending on configuration)
Communication	LoRaWAN
Display	LCD Screen
Sampling Interval	10s ~ 2550s (Configurable)
Measuring Range	0-100 BAR (Default) 0-300 BAR (Optional)
Accuracy	$\pm 0.5\%FS$ (Default) $\pm 0.2\%FS$ / $\pm 0.1\%FS$ (Optional)
Overload Pressure	200%FS (Below 100 BAR)
Operating Temperature	-30°C ~ +70°C
Humidity	0 ~ 100%
Wetted Parts Material	Stainless Steel 316L
Pressure Type	Gauge Pressure / Absolute Pressure / Sealed Pressure
Thread Interface	M20 $\times$ 1.5 (Customizable)
Protection Level	IP65
Explosion-proof Grade	II 2G Ex ib IIB T4 Gb
Standards	EMC/EMI/Ex

DIMENSIONS (mm)



PIPELINE INSTALLATION DIAGRAM



APPLICATIONS



Oil Wells



Gas Wells



Pipelines



Refineries



Petrochemical
Plants



Tank
Monitoring

