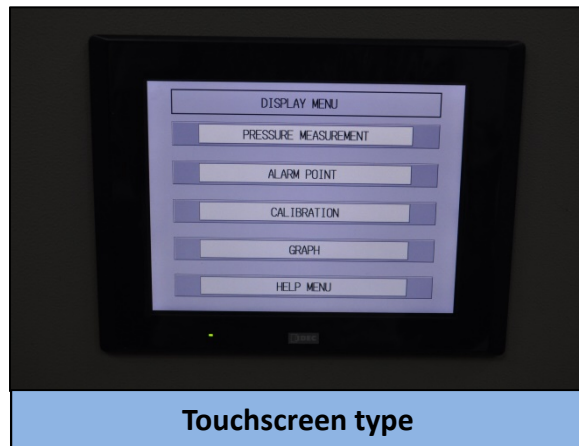


Cargo Tank Pressure Monitoring System

In accordance to IMO Regulations,
SOLAS Chapter 11 – 12, Reg. 59.1.2.3

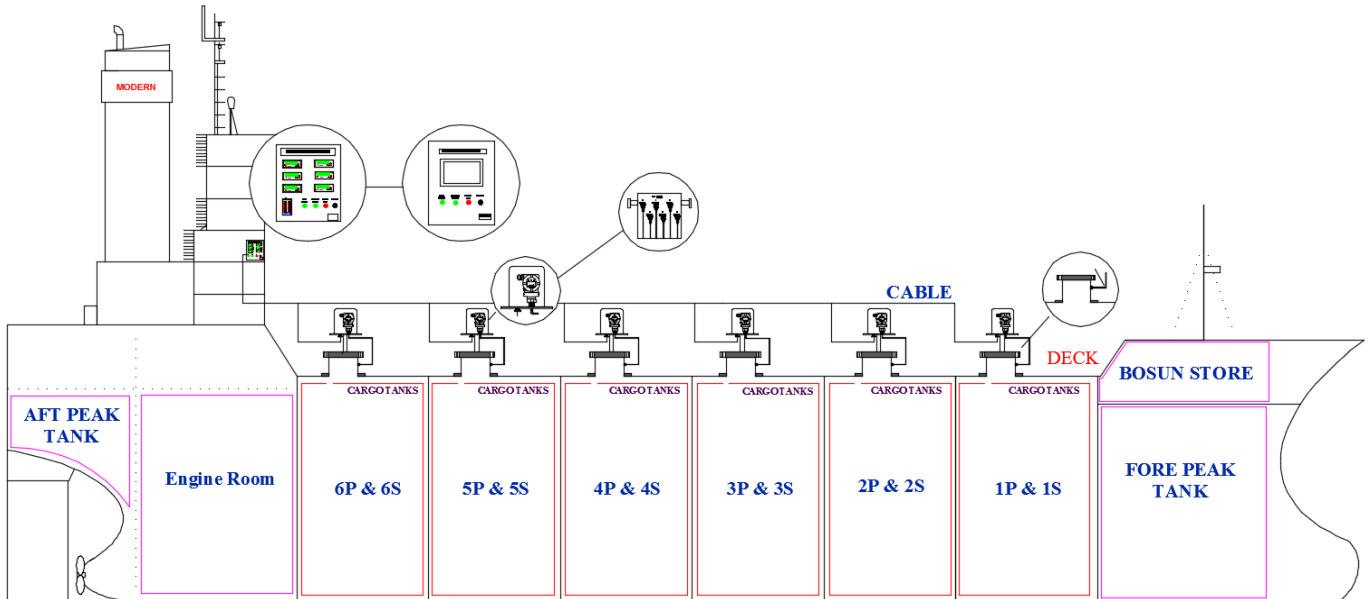


Features:

- High Reliability
- Easy to Operate, Installation & Maintenance
- Flow Fail Alarm
- Explosion Proof type
- Type/ Class Approved by All Major Classification

Principal of Operation :

CTPM Series – Cargo Tank Pressure Monitoring System is designed with the proven piezoresistive sensor method. The sensor converts the absolute pressure to a D.C voltage through an electronic module to obtain a proportional output signal in 4 – 20 mA, 2-wire system. Our system consists of a Monitor Panel in the Cargo Control Room and pressure transmitter suitable for deck mounting.



Model	Monitor Panel CTPM-n (n denotes the number of monitoring detectors)
Principal	Piezoresistive Sensor
Measuring Range	-200 to 400 cmH ₂ O
Accuracy	Within ± 3 cmH ₂ O (Sensor)
Pressure Indicator	LED located on D.P.M (Digital Panel Meter) or Touchscreen
Pressure Sensor Signal	4 ~ 20 mA signal
Alarm Display	LO Alarm Lamp & HI Alarm Lamp located on Annunciator
Alarm Level	Two User adjustable alarm level LO Alarm Level : -70 cmH ₂ O (-67 cmH ₂ O on equipment) HI Alarm Level : +180 cmH ₂ O (+177 cmH ₂ O on equipment)
Alarm Function	Pressure Transmitter : -25°C ~ 80°C (0 ~ 100% R.H.) Monitor Panel : 5 ~ 55°C (35 ~ 95% R.H.)
Power Source	AC 110V / AC 220V
Safety Approval	Intrinsically Safe conform to ExialICT6 Ga
Cable Type required	2 core, DPYC 1.25
Class Approval	Major Classification/ Type Approved

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