



**SEAMAP**  
A MIND Technology Business

## SEAMAP REMOTE PARAMETER DISPLAYS

### HIGH VISIBILITY AIR PRESSURE LED DISPLAYS

*Greatly improve vessel health and safety by using Seamap's Remote Pressure Displays (RPDs) to clearly display air pressure readings on each sub array. Each RPD indicates air pressure in the gun line or manifold by using a high visibility, 100mm 4-character display.*



- Seamap's RPDs provides crew with a clear visual aid on deck displaying Pressure Transducer (PT) data from a variety of possible sources.
- Any RPD can use the data from any PT in the GunLink system by suitable configuration of the host program. It is also possible to display the same data on multiple RPDs in different locations by setting them to the same address.
- The RPD's mounting bracket allows you to mount the RPD against a vertical or horizontal surface and to adjust and lock the display's angle to provide optimal visibility.
- RPD size of 360x100mm with Super Bright LEDs.
- The first RPD in the chain echoes the received information back to the TCU so that the TCU can perform an integrity check on the communications link.

Reliable permanent visual monitoring provides the necessary data to accelerate maintenance work in a safe environment. This technology allows the mechanic to monitor each gun line independently. The RPDs can be connected to the GunLink System either singly or in a daisy chain.

Pressure information for the RPD can arrive through either: connection from a manifold pressure transducer (PT) on board the ship, to the system's Timing Control Unit (TCU), or measurements from PTs on the gun strings, to the GunLink system. In both cases the GunLink software configures the data into the GunLink System.

RPDs (part No. 02-22-3001) must be connected to the GunLink system using two connections established using the TCU to RPD cable assembly (17-22-3003) and the link cable RPD to RPD assembly (17-22-3001) with a spares kit (17-22-3002). The individual address of each RPD is set by internal jumpers. The TCU can communicate with up to 32 RPDs connected in a chain. For operation of more than 16 RPDs the system requires an additional power supply unit.

The TCU supplies the 24V DC supply required for operation. Additional voltage regulation is applied to the supply by the RPD Display Board. Within each RPD there is also a self-resetting fuse to protect the unit against overload of short circuit conditions.

This product encourages and promotes the importance of a strong safety culture on board survey vessels.

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