

CONTROL PANELS AND DISPLAYS

GUARD LEVEL® MCU/CMCU



MULTIPLE COMMUNICATION PORTS CAPABLE OF ETHERNET BROADCAST AND MODBUS COMMUNICATION OVER SERIAL OR ETHERNET.

EXTERNAL USB PORT FOR EASY DATA DOWNLOAD.

PRINTER PORT FOR AUTO ALARM PRINT AND DATA LOG PRINT.

19-INCH COLOR TOUCH PANEL FOR DISPLAY, CONTROL, AND MONITORING OF GAUGING SYSTEMS.

HIGH LEVEL (HL) AND OVERFILL (HHL) MIMIC PANEL WITH BRIGHT RED AND AMBER LEDS.

THREE FULLY INDEPENDENT SOUNDERS OF DIFFERENT FREQUENCIES WITH ADJUSTABLE VOLUME CONTROL.

THREE FULLY INDEPENDENT SYSTEMS, HIGH LEVEL, OVERFILL LEVEL (HHL), AND GAUGING ALL POWERED FROM THE GUARD POWER® UPS REDUNDANT POWER SOURCE.

OPTIONS

TOUCH PANEL CAN BE CONSOLE MOUNTED

The GUARD LEVEL® Master Control Unit (MCU) and Cargo Master Control Unit (CMCU) and is the core of a reliable monitoring and alarm system working in harmony with a number of Bergan products. The MCU guarantees ultimate performance and top-rated safety in tanks, vessels and in potentially hazardous work areas. This "go to" Intrinsically Safe and versatile unit supports up to three completely independent systems; High Level (HL) Overfill Level (HHL) and tank gauging. It's also available in three physical sizes depending upon required number of I/O.

The gauging section's hardened and extended temperature-rated embedded computer with the powerful (Intel) i7 processor runs both Windows 10 operating software and CMS+ application software. This CMS+ user interface is intuitive with a highly configurable 19-inch LCD touchscreen display that can also be console mounted. The GUARD LEVEL® MCU can be connected to our Guard Power® Uninterrupted Power Source (UPS) redundant power source and, optionally, a Wi-Fi for remote slave display. Plus, the MCU provides multiple communication ports capable of Ethernet broadcast and Modbus communication over serial or Ethernet connections, meeting and exceeding your communication needs.



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