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Flush Submersible Hydrostatic Pressure Level Sensor

The MAD4520 Flush Submersible hydrostatic pressure sensor is designed for monitoring viscous material and/or turbulent conditions within a vessel. This cost-effective pressure sensor is approved to UL/cUL913 Class 1 Division 1 IS, Groups C and D, with an approved barrier. For pressure ranges from 0-5 PSIG to 0-20 PSIG, the cage design allows for proper media flow while keeping the sensor at the bottom of the vessel or well.

Electrical output is 4-20mA and units are available in standard cable lengths of 25', 50' or 75'. The 316L stainless steel and PVDF construction will withstand the toughest environments. The MAD4520 is ideal for sewage lift stations, food tanks and viscous media applications. Other typical uses include: grease and lubrication tanks; drilling mud pits, vegetable and animal oil tanks and storm and industrial holding tanks.



Features

- Compatible with a wide range of chemicals
- Suitable for waste, salt, brackish or fresh water systems
- EMI/RFI protection
- Reverse polarity protection
- Compact, non-clogging design

Note: Intrinsically safe installations require approved barriers. Please refer to the Pressure Level Sensor Reference Information page on our website for more information.

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Item #	Sensor Measuring Range in PSI	Depth in Feet 100% FS	Output Signal	Cable Length	Accuracy at 25°F (77°F)	Stability (1 year)	Operating Temperature	EMI/RFI Protection	Enclosure Rating
MAD4520Y000 05P4X1353	0-5	11.54	4-20Ma	25'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y000 05P4X1354	0-5	11.54	4-20Ma	50'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y000 05P4X1355	0-5	11.54	4-20Ma	75'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y002 08H4X1353	0-7.5	17.32	4-20Ma	25'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y002 08H4X1354	0-7.5	17.32	4-20Ma	50'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y002 08H4X1355	0-7.5	17.32	4-20Ma	75'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y000 10P4X1353	0-10	23.08	4-20Ma	25'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y000 10P4X1354	0-10	23.08	4-20Ma	50'	< ±0.2% 5% BFSL	< ±0.2% 5% of FS, typical	-40 to 185 °F	Yes	IP68

MAD4520Y000 10P4X1355	0-10	23.08	4-20Ma	75'	< ±0.2 5% BFSL	< ±0.2 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y000 15P4X1353	0-15	34.63	4-20Ma	25'	< ±0.2 5% BFSL	< ±0.2 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y000 15P4X1354	0-15	34.63	4-20Ma	50'	< ±0.2 5% BFSL	< ±0.2 5% of FS, typical	-40 to 185 °F	Yes	IP68
MAD4520Y000 15P4X1355	0-15	34.63	4-20Ma	75'	< ±0.2 5% BFSL	< ±0.2 5% of FS, typical	-40 to 185 °F	Yes	IP68

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