

# HF6.XXX

## PVDF Body Level/Pressure Hydrostatic Transmitter

FLS HF6 is a new family of transmitters suitable for hydrostatic level/depth measurement and for pressure monitoring. PVDF body and ceramic diaphragm with FPM sealing system offer a smart combination of valuable wetted materials. The semi-flush diaphragm can work properly and for long time in pasty media and with liquids tending to crystallize. HF6 family can be also the finest choice for clean water applications in case customer would maximize operating time. The compact design can fit all main applications related to aggressive and corrosive liquids granting different solutions of installation: screw-in (combined with a FIP valve or fitting), submersed with PUR cable running into pipe and submersed with PUR/FEP cable in contact with liquid. Other operating ranges and selectable length of cable in addition to sealing material options offer a customized solution to match the customer needs in the best possible way.

### APPLICATIONS:

- Storage Tank management
- Liquid inventory control
- Over flow detection
- Water/Wastewater monitoring
- Chemicals processing
- Tank farm management
- Water recycling

### MAIN FEATURES:

- Level/Pressure/Depth measurement provided by the same transmitter
- Level measurement not affected by foam or vapour
- Premium combination of wetted materials
- Semi flush ceramic diaphragm for a long-lasting operating time
- Options for gauge pressure and for absolute pressure
- Flexible submersible installation (with or without conduit)
- Other operating ranges available on request: full scale @ 600mbar, 1600mbar, 2500mbar, 4000mbar, 6000mbar, 25bar, 40bar (gauge or absolute mode).



All information subject to change.

Please contact us on <https://www.aliaxis.co.uk/get-in-touch> for further informations

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Reference	Operative Range	Process connection	Main Wetted Materials	Measuring Mode	Diaphragm	Cable	Weight (gr.) (g)
HF6.004	0-400 mbarg	STD: 3/4" G (A class) SUBMERSED: 1/2" R (A class)	PVDF \$ PUR \$ FKM \$ Ceramic	Relative Pressure	Ceramic \$ Semi flush	PUR 8 m	550
HF6.010	0-1000 mbarg	STD: 3/4" G (A class) SUBMERSED: 1/2" R (A class)	PVDF \$ PUR \$ FKM \$ Ceramic	Relative Pressure	Ceramic \$ Semi flush	PUR 8 m	550
HF6.100	0-10 barg	STD: 3/4" G (A class) SUBMERSED: 1/2" R (A class)	PVDF \$ PUR \$ FKM \$ Ceramic	Relative Pressure	Ceramic \$ Semi flush	PUR 8 m	550
HF6.160	0-16 barg	STD: 3/4" G (A class) SUBMERSED: 1/2" R (A class)	PVDF \$ PUR \$ FKM \$ Ceramic	Relative Pressure	Ceramic \$ Semi flush	PUR 8 m	550

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