



Guide Tube Sensor Installation

Installation Option

PRODUCT DATASHEET

COMPATIBLE SENSORS

TurbiTechw² LA
TurbiTechw² LS
TurbiTechw² HR

MATERIAL

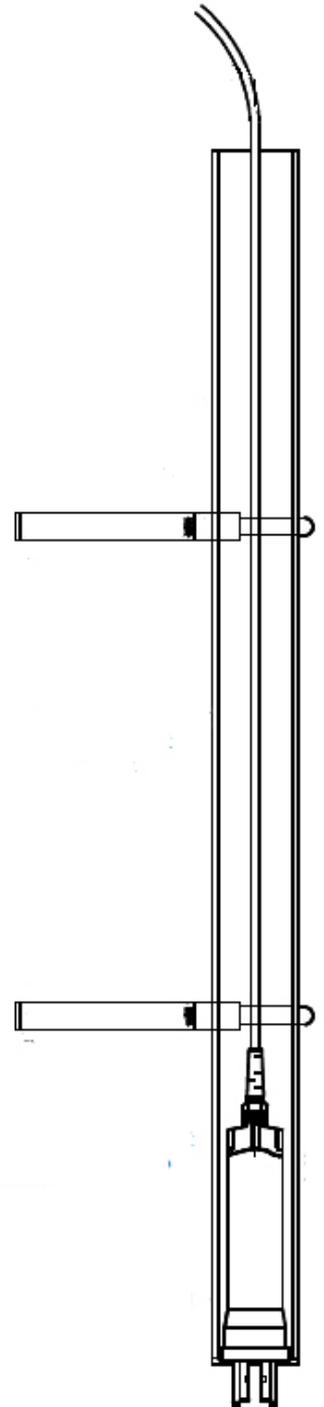
Guide Tube - PVC
Mounting Brackets - Stainless Steel

For applications where it is not possible to mount the sensor using our standard mounting shafts and handrail or wall mounting brackets the guide tube system provides a suitable alternative. Typical applications are where there is a long distance between the top water level and the access point, or applications where there is a large variation in the water level.

The guide tube arrangement is secured to the tank or channel wall using 2 or 3 brackets depending on the tube length. The brackets should be spaced as widely as possible, with one at the lowest feasible point, this will help to ensure that stress is not placed on the tube by high flows or turbulence. We recommend that 2 brackets are used for 2 and 3 metre guide tube lengths, with 3 brackets for the 4 and 6 metre versions, this should be reviewed against the particular details of each application to ensure secure mounting.

The sensor can then be easily lowered down the tube using the sensors cable. Fittings are added to both the sensor and the tube to ensure that the sensor does not come out of the bottom of the guide tube. It is important that the addition sensor part is ordered to ensure that the sensor is compatible with the guide tube system, this can also be retro-fitted to sensors already in the field.

The lower end of the guide has a number of holes drilled into it, these ensure that the sensor does not 'lock' in position when it is being inserted or withdrawn and that the sample can circulate around the base of the tube ensuring the area does not become clogged with fatty deposits.



Order Codes

Part No Description

179800	Guide Tube - TurbiTechw ² LA/LS/HR (2 metres)
183600	Guide Tube - TurbiTechw ² LA/LS/HR (3 metres)
179810	Guide Tube - TurbiTechw ² LA/LS/HR (4 metres)
179820	Guide Tube - TurbiTechw ² LA/LS/HR (6 metres)
182510	Bracket Guide Tube

Publication No: 133076DS-Iss03

The company reserves the right to alter the specification without prior notice. E&OE

Call us on + 44(0) 1726 879800 www.partech.co.uk

partech

Address: Rockhill Business Park, Higher Bugle, St Austell, Cornwall PL26 8RA, UK E: info@partech.co.uk