



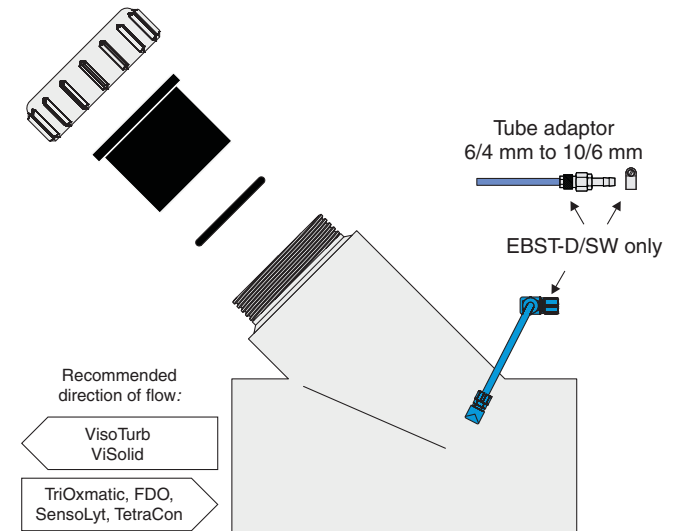
2.2 Installing the compressed air cleaning device (EBST-D/SW only)

- For controlling, exclusively use YSI components (such as MIQ/CHV Plus, DIQ/CHV, Cleaning Air Box). Observe the required connection values for the compressed air.
- Install a BPV check valve (YSI order no. 480 029Y) directly in front of the EBST-D/SW to prevent any liquid from penetrating the tubing system.
- Take into account that the compressed air cleaning process can temporarily cause other sensors in the pipe system to provide invalid measured values.

3 Technical data

	EBST/SW	EBST-D/SW
Pipe connections	Open pipe ends (d = 110 mm) to be glued into PCV pipes or bushings	Open pipe ends (d = 110 mm) to be glued into PCV pipes or bushings
Tube connection for compressed air cleaning	-	6/4 mm (10/6 mm with the tube adapter provided)
Allowed range for pressure and temperature (in mounted condition, with sensor and adapter)		<ul style="list-style-type: none"> - max. 0.2 bar (2×10^4 Pa) pressure difference (open channel flow) - max. 50 °C (122 °F)
Allowed pH range	4 ... 12	4 ... 12
Materials	<ul style="list-style-type: none"> - 45°-T-piece, locking piece, coupling ring 	<ul style="list-style-type: none"> - 45°-T-piece, locking piece, coupling ring
	PVC	PVC
	NBR	NBR
	-	Tubes: PU Plastic screw joints: POM Tube adapter: Brass, nickel-plated Tube clip: V4A stainless steel

**EBST/SW
EBST-D/SW**
Flow-through equipment



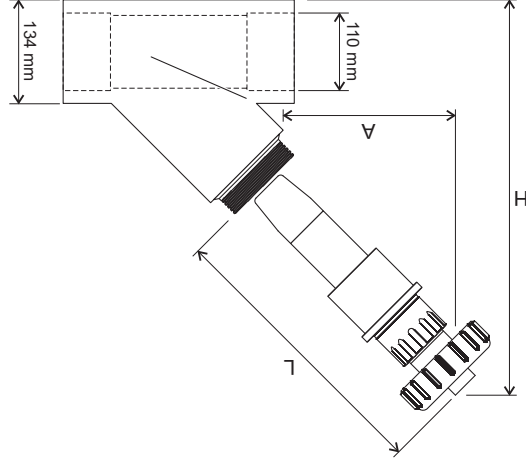
1 Mounting instructions



Required space

Note
Note the technical data of the sensor, especially the allowed ranges for pressure and temperature.

When installing the 45° T-piece, plan for sufficient space to mount and dismount the sensor:



Sensor type	H	A	L
FDO 700 IQ SW	50 cm	19 cm	33 cm
Sensolyt 700 IQ SW	58 cm	27 cm	45 cm
TetraCon 700 IQ SW, TriOxmatic 700 IQ SW, ViSolid 700 IQ SW, VisoTurb 700 IQ SW	41 cm	41 cm	30 cm

To connect the EBST(-D)/SW in a pipe, use suitable PVC connection pieces and PVC adhesive. Follow the instructions of the adhesive manufacturer for gluing.

2 Assembly

2.1 Mounting the sensor

Assembly

- 1 Unscrew the coupling ring (pos. 1).
- 2 Remove the locking piece (pos. 2).
- 3 Check whether the O-ring (pos. 3) is correctly positioned in the installation opening.
- 4 Insert the sensor with the mounted adapter (pos. 4) in the installation opening as far as it will go.
- 5 Position the cap nut (1) and screw it tight all the way.

