Technical Information
TI 111C/07/en/10.01
50068520

Flow Assembly for O_2 Measurement *FlowFit W COA 250*

Assembly for unsupported installation in pipes or wall mounting



Application
The flow assembly COA 250 has been developed specifically to hold the membrane-covered oxygen sensors COS 3 / COS 4 resp. COS 31 / COS 41. This assembly is used wherever normal sensor immersion is either impossible or undesirable.

Areas of application
- Waste water processing
- Drinking water
- Monitoring of surface waters
- Analysis stations

In the case of pipes with large diameters or directly in measuring water lines of smaller diameters, the assembly should be installed in a bypass arrangement.

Your benefits
- Simple wall installation or unsupported installation in pipes
- Can be connected to pipes or hoses
- The inlet and outlet can be connected at the same level by fitting two standard 90-degree angles
- Automatic self-venting due to bottom inlet/top outlet design
- Quick oxygen sensor response is assured by inside volume dimensions
- Construction is insensitive to clogging
- Oxygen sensor can be easily removed for calibration in air
- Allows connection of a spray head for sensor membrane cleaning during operation

Quality made by Endress+Hauser

ISO 9001

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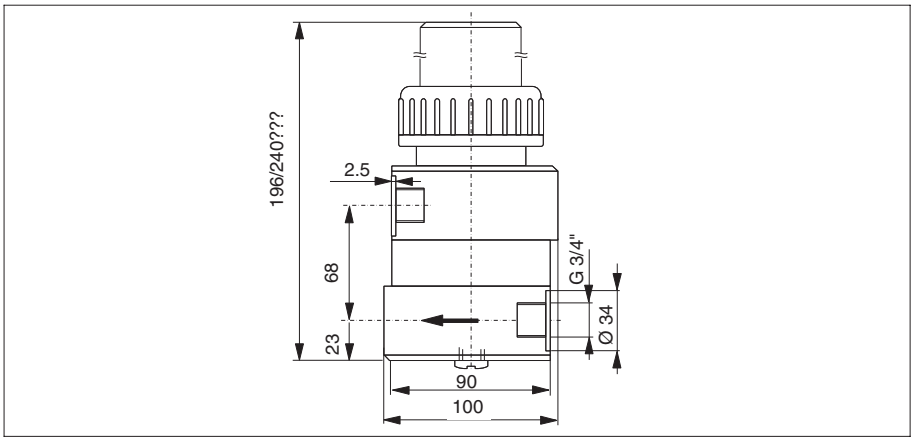
Dimensions



Dimensions of flow assembly COA 250

Technical data

Materials of flow assembly	PVC; O-ring made of EPDM
Dimensions	Ø 100 x 195 mm resp. Ø 100 x 240 mm (without sensor)
Measuring water connection	internal G 3/4" thread
Process connection	commercial G 3/4" fittings; an O-ring, ID 26, 57 W3, 53 can be installed for additional sealing
Max. permissible water pressure	6 bar at 20 °C 3 bar at 50 °C
Recommended minimum flow	100 l/h (with standard responding sensors) 500 l/h (with fast responding sensors)
Recommended maximum flow	1000 l/h
Max. operating temperature	50 °C
Equipment mounting positions	1 oxygen sensor 1 spray head CUR 3

Subject to modifications.

How to order

Flow assembly FlowFit W COA 250

A Material PVC, for COS3/3HD/3S/4/4HD/41
B Material PVC, for COS 31

COA 250 ☐ **⇐ complete order code**

Accessories

	Order no.
☐ COY 250 pipe clamp for plate and wall installation	50065132
☐ CUR 3 spray head for cleaning purposes, PVC, Seal EPDM	CUR3-1

Supplementary documentation

☐ Technical Information COS 3, TI 065C/07/en	50057226
☐ Technical Information COS 4, TI 165C/07/en	50085981
☐ Technical Information COS 31, TI 285C/07/en	51506693
☐ Technical Information COS 41, TI 284C/07/en	51506689
☐ Technical Information Chemoclean CYR 10/20, TI 046C/07/en	50014223

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