

# Technical Information

## Flowfit COA30

Flow cell for calibrating oxygen sensors with a length of 120 to 360 mm and a diameter of 12 mm



### Your benefits

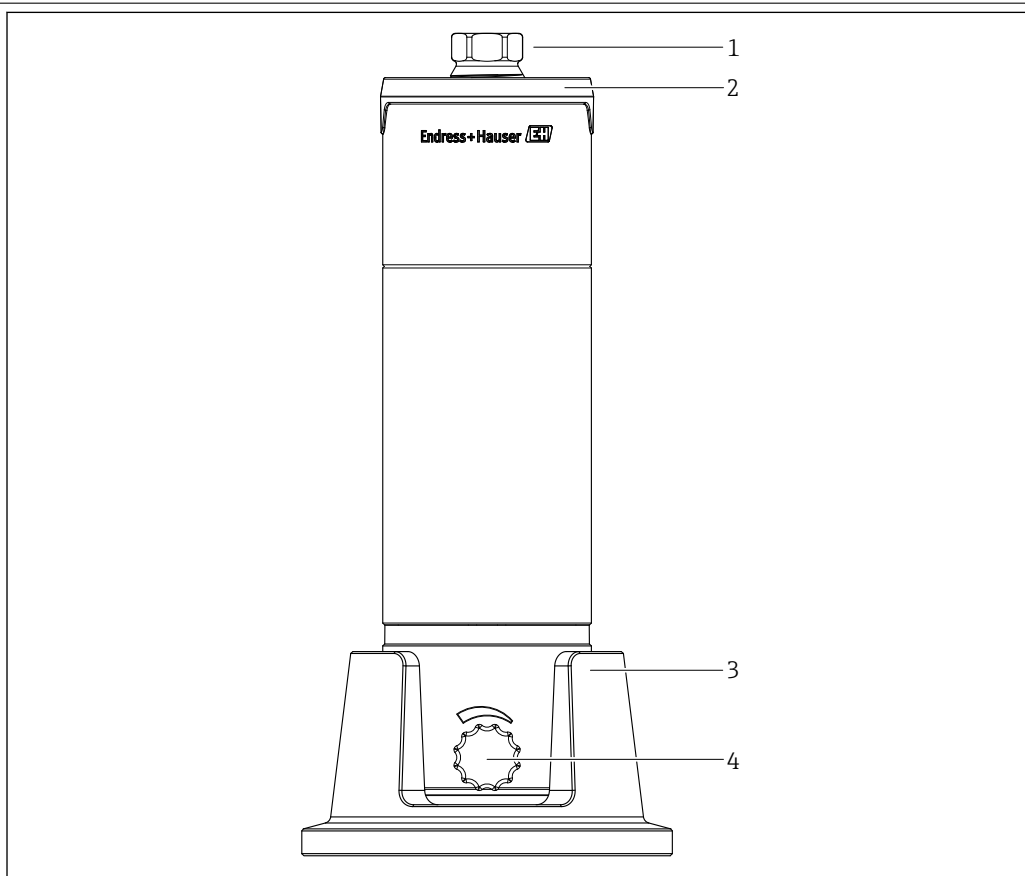
- Accurate calibration of your oxygen sensors with test gases: The COA30 flow cell enables accurate calibration of oxygen sensors, adapting them precisely to the requirements of the relevant measuring point.
- Easy calibration of oxygen sensors: Install the sensor in the flow cell, connect it to the transmitter, connect the appropriate test gas, calibrate and it's done.
- Time savings when carrying out zero adjustment: Compared to conventional calibration methods using sodium sulfite or zero-point gel, the COA30 flow cell offers significantly faster calibration.
- Cleaning of the sensors is not necessary as there is no residue left on the sensor after calibrating with COA30. There is no requirement for subsequent cleaning since test gases (e.g. nitrogen) are used for calibration.
- Compatible with various sensor sizes: The flow cell is suitable for 12 mm oxygen sensors with a length of 120 mm to 360 mm and a PG13.5 thread, covering a wide range of applications.

## Function and system design

### Operating principle

Flowfit COA30 is a flow cell for calibrating oxygen sensors using test gases (e.g. nitrogen)

### Measuring system



A0058728

1 Flowfit COA30 front view

- 1 Screw plug PG 13.5
- 2 Edge protection
- 3 Stand base
- 4 Needle valve



```

5  Inlet
6  Outlet

```

Ambient temperature	–15 to 50 °C (5 to 122 °F)
---------------------	----------------------------

<b>Process temperature range</b>	0 to 50 °C (32 to 122 °F)
----------------------------------	---------------------------

---

Dimensions	L x W x H	206 x 80 x 57 mm (8.1" x 3.2" x 2.2")
------------	-----------	---------------------------------------

---

<b>Materials</b>	Flow assembly:	POM-C
	Seal:	EPDM
	Adapter:	POM-C


## Certificates and approvals

Current certificates and approvals for the product are available at [www.endress.com](http://www.endress.com) on the relevant product page:

1. Select the product using the filters and search field.
2. Open the product page.
3. Select **Downloads**.

## Ordering information

<b>Product page</b>	<a href="http://www.endress.com/COA30">www.endress.com/COA30</a>
---------------------	------------------------------------------------------------------

<b>Product Configurator</b>	1. <b>Configure:</b> Click this button on the product page.
	2. Select <b>Extended selection</b> . ↳ The Configurator opens in a separate window.
	3. Configure the device according to your requirements by selecting the desired option for each feature. ↳ In this way, you receive a valid and complete order code for the device.
	4. <b>Accept:</b> Add the configured product to the shopping cart.
	 For many products, you also have the option of downloading CAD or 2D drawings of the selected product version.
	5. <b>CAD:</b> Open this tab. ↳ The drawing window is displayed. You have a choice between different views. You can download these in selectable formats.

<b>Scope of delivery</b>	<p>The scope of delivery includes:</p> <ul style="list-style-type: none"> <li>■ Calibration kit in the version ordered</li> <li>■ Operating Instructions COA30</li> <li>■ Manufacturer's certificate</li> </ul> <p>If you have any questions, please contact your supplier or your local sales center.</p>
--------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## Accessories

The following are the most important accessories available at the time this documentation was issued.

Listed accessories are technically compatible with the product in the instructions.

1. Application-specific restrictions of the product combination are possible.  
Ensure conformity of the measuring point to the application. This is the responsibility of the operator of the measuring point.
2. Pay attention to the information in the instructions for all products, particularly the technical data.
3. For accessories not listed here, please contact your Service or Sales Center.

---

---

---



[www.addresses.endress.com](http://www.addresses.endress.com)

---