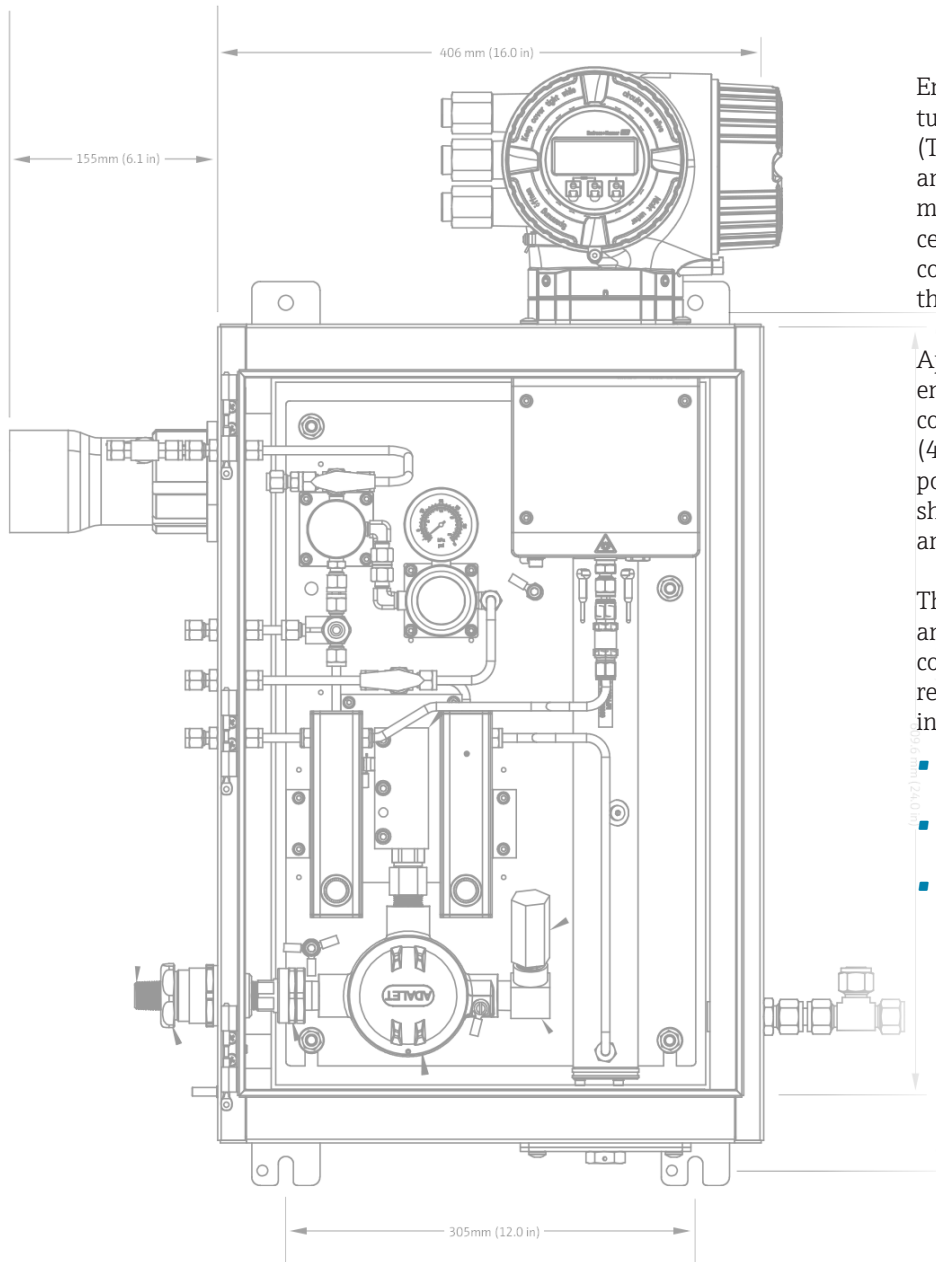


Approval drawings

For TDLAS and QF analyzers



Endress+Hauser offers approval drawings for tunable diode laser absorption spectroscopy (TDLAS) and quenched fluorescence (QF) analyzers. Analyzer systems include the measurement electronics, measurement laser cell (TDLAS) or sample probes (QF), and sample conditioning system. Approval drawings ensure that our system fabrication meets your approval.

Approval drawings are generated by our engineering team after order placement and confirmation; they are available within four (4) weeks. To make this process as efficient as possible, the customer specific requirements should be identified during the proposal stage and prior to the order acceptance.

The approval drawings will consist of the overall analyzer dimensions, field connections, sample conditioning components, wiring, and additional requested components. Our approval drawings include the choice of one or all of the following:

- Engineered drawings created for approval and sign off
- Company name, project name, and/or tag number
- Design changes for sample conditioning components

Approval drawings to meet your installation requirements

All drawings include the following information:

- The original date of issue
- The dates of all applicable revisions
- Identification of components and materials
- Product dimensions
- Product mounting information
- Product markings for analyzer ratings (CSA, ATEX, etc)
- Manufacturer identification including address
- Model number and description with analyte
- Electrical connections

Additional information will be added to the drawing upon request:

- The project title with or without address
- The project number
- The name(s) of the contractor(s), sub-contractor(s), supplier(s), and/or manufacturer(s)



TDLAS and QF analyzers available for approval drawings

www.addresses.endress.com

Choosing the best option to fit your needs

The three categories of approval drawings are explained in more detail below:

1. Category 1

(material number 70198717)

- Drawings are generated by the Endress+Hauser engineering team
- Drawings are sent for up to two (2) rounds of review (one time for comments) and sign off
- Minor changes to the drawings will be allowed (such as location of the supply bulkhead, return bulkhead, or power connection).
- Component changes cannot be made

2. Category 2

(material number 70198718)

- Drawings are generated by the Endress+Hauser engineering team
- Drawings are sent for approval and sign off
- Three (3) rounds of drawing changes (rounds 1 and 2 for comments) are permitted at no additional cost
- Component changes, such as manufacturer or part number, are permitted, but any other changes cannot be made

3. Category 3

(material number 70198719)

- Drawings are generated by the Endress+Hauser engineering team
- Drawings are sent for approval and sign off
- Up to five (5) rounds of drawing changes (rounds 1 through 4 for comments) are permitted at no additional cost
- Component changes to the sample conditioning system can be made; additional charges may be required depending on components requested