

Decommissioning and dismantling instructions

In accordance with UL 60079-0 § 30.1DV – UL & CSA certified models

In accordance with IEC 60079-17, IEC 60079-19, IEC 60079-14 – ATEX & IECEx certified models

DECOMMISSIONING

1. Power disconnection

- Disconnect the device from the mains power supply and ensure it cannot be accidentally re-energized.
- Verify the absence of voltage using suitable test equipment.
- Before opening the cover:
 - Disconnect the upstream isolating device.
 - Ensure that overload protection devices are isolated.

2. Absence of explosive atmosphere

Decommissioning of models certified for explosive atmospheres (Ex) must be performed exclusively:

- In a non-hazardous area.
- After verifying the absence of an explosive dust atmosphere.

The enclosure must **not be opened** in the presence of a potentially explosive atmosphere.

3. Cooling down (high-temperature models)

For high-temperature versions (AT / ATFV), ensure that:

- The device has cooled down completely.
- The surface temperature is safe for manual handling.

4. Cable disconnection

- Loosen the certified cable glands.
- Remove cables while avoiding damage or potential sources of ignition.
- Maintain the integrity of the Ex-certified cable entry devices.
- If the enclosure is removed separately, seal unused entries with certified stopping plugs.

5. Removal of the instrument from the application

Remove the instrument by reversing the installation sequence:

- Threaded connection: unscrew the sensor from the application.
- Flanged versions: unscrew the bolts securing the flange to the application and remove the sensor.

6. Preliminary cleaning

Before disassembly:

- Remove any dust deposits using non-sparking tools.
- Avoid dry rubbing of plastic components.
- If necessary, clean using a slightly damp cloth.

DISMANTLING AND COMPONENT DISPOSAL

Components must be separated and disposed of in accordance with local waste management regulations.

DISPOSAL OF ELECTRONIC COMPONENTS

- Electronic boards and electrical components must be treated as WEEE (Waste Electrical and Electronic Equipment).
- Dispose of in accordance with Directive 2012/19/EU (Europe) or equivalent national legislation.

DISPOSAL OF MECHANICAL COMPONENTS

- Aluminum enclosure → recyclable as metal.
- Stainless steel shaft and paddle → recyclable as metal.
- Elastomeric seals / gaskets → dispose of according to industrial waste regulations.
- Plastic paddles and other plastic items → recyclable as plastic.

ENVIRONMENTAL COMPLIANCE AND DOCUMENTATION

Comply with all current regulations in force in your country.

DOCUMENTATION AND TRACEABILITY

- Note down the serial number and year of manufacture prior to disposal (indicated on the label).
- Log the decommissioning event in the company safety register.
- Retain documentation and Ex certifications for traceability purposes.