Recalibration valve for retrofitting
For gas density monitors and other leakage detection systems
Model GLTC-CV

Applications

- Medium and high-voltage switchgear
- Calibration of gas density monitors

Special features

- Retrofitting for leakage detection systems
- Functional check or recalibration possible without dismounting, in accordance with EU regulation No. 517/2014 on fluorinated greenhouse gases
- Test connection from stainless steel

Recalibration valve, model GLTC-CV

Description

This connection part is used for retrofitting in order to be able to calibrate an existing gas density monitor.
The model GLTC-CV is fitted between the gas tank and the gas density monitor. With the help of the calibration valve, the gas density monitor can be shut off from the process and recalibrated without having to disassemble it. This not only reduces maintenance time but also minimises the risks of SF_6 gas emissions and potential leakages during recommissioning.

Easy and fast recalibration
With regard to switchgear safety, asset protection and environmental protection, it is common to perform functional checks of a gas density monitor on a regular basis. Article 5 of EU regulation No. 517/2014 on fluorinated greenhouse gases, provides for checking of the leakage detection system at least every 6 years if it contains > 22 kg SF_6 gas and the plant was commissioned after 01 January 2017.

When connecting a test instrument (e.g. model ACS-10 or model BCS-10) to the recalibration valve, the gas density monitor is automatically disconnected from the gas compartment and a recalibration can be performed. The test instrument can then be disconnected from the recalibration valve and the connection to the gas compartment is re-established automatically.

Data sheets showing similar products:
Gas density monitor with optional calibration valve for recalibration; model GDM-100; see data sheet SP 60.02

Part of your business

Specifications

Calibration valve
All weld seams are qualified in accordance with DIN EN ISO 15613 in combination with DIN EN ISO 15614-1 and DIN EN ISO 15614-12 by the notified body TÜV Süd.

Tightening torque, test connection: 40 Nm ±10 %

Approvals

Logo	Description	Country
CE	**EU declaration of conformity**	European Union
	Low voltage directive	

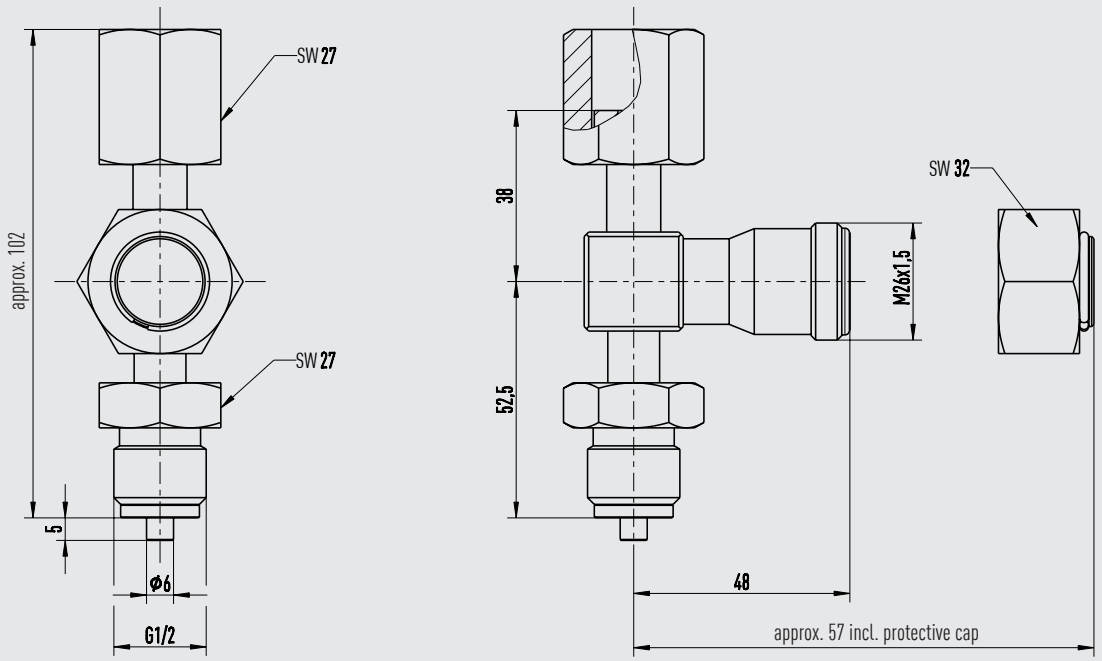
Manufacturer‘s information and certificates

Logo	Description
-	**China RoHS directive**

→ Approvals and certificates, see website

Dimensions in mm

Recalibration valve with swivel connection, model GLTC-CV
Any arrangement of the test valve possible
Other process connections on request



Recalibration valve, model GLTC-CV
Any arrangement of the test valve possible
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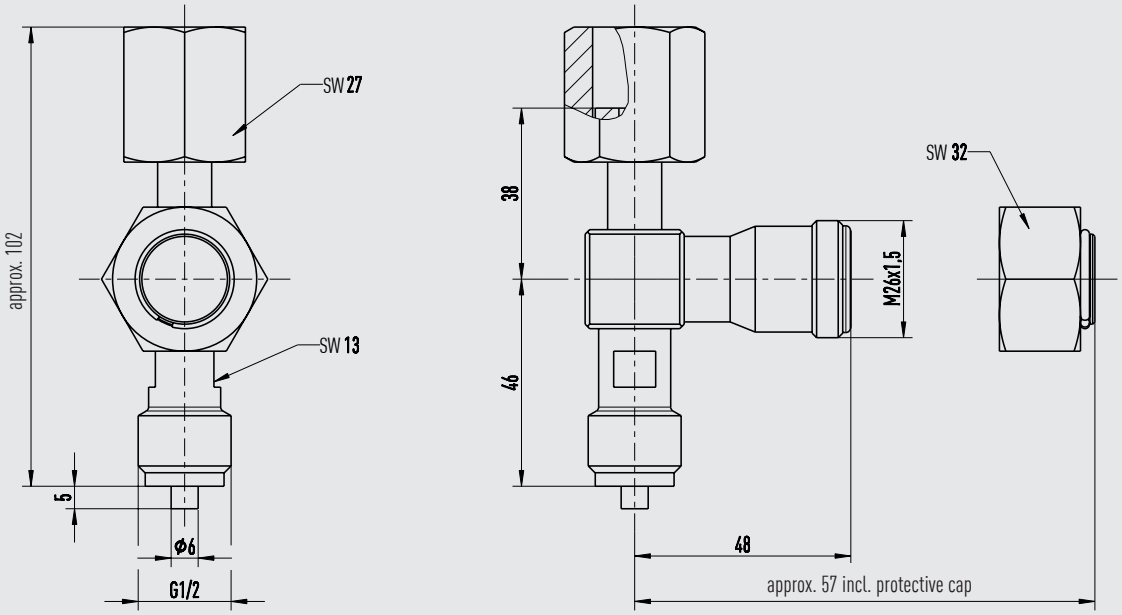
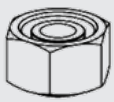


Accessories and spare parts

	Description	Order number
	Adapter from test connection (M26 x 1.5) to quick coupling	14146937
	Protective cap for test connection (M26 x 1.5)	14193772
	Calibration system for SF_6 gas density measuring instruments	See WIKA data sheet SP 60.08

Ordering information
Model / Process connection / Accessories

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The specifications given in this document represent the state of engineering at the time of publishing.
We reserve the right to make modifications to the specifications and materials.

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