

QUALITROL® 035

Liquid level control gauge



Better transformer protection with accurate oil level monitoring and alarm and limit control

- Corrosion resistant materials provide long, trouble free life
- Many optional features provide customized solution for your application

Product Summary

Description Provides continuous indication of the liquid level inside of a transformer's main tank, conservator tank or load tap changer compartment. Integrated switches allow limit and alarm functions.

Application For monitoring oil level within an oil filled transformer's main tank, load tap changers or conservator.



QUALITROL®

Defining Reliability

QUALITROL® 035 liquid level control gauge

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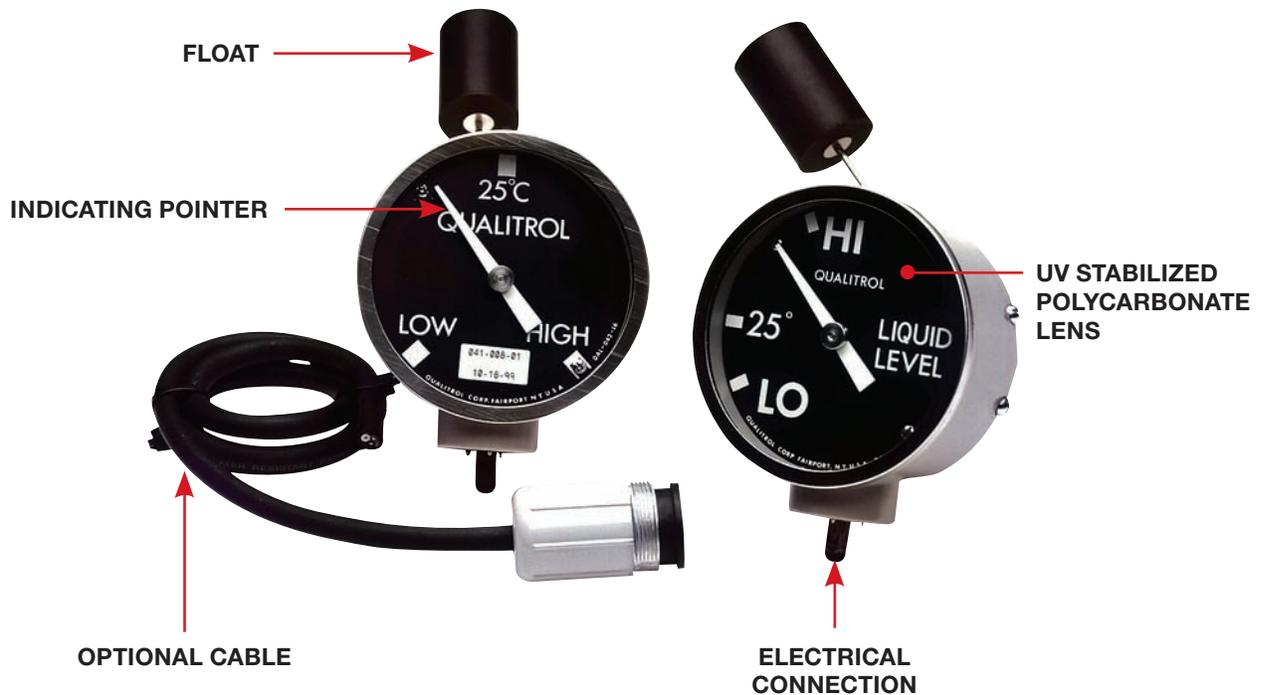
- Low level and high level alarm control is made possible with the integrated switches
- Large 3.75" dial and high contrast display provide clear and concise viewing of tank levels

Corrosion resistant materials provide long, trouble free life

- Die-cast aluminum casing is coated with thermosetting powdercoat finish
- UV stabilized polycarbonate lens material resists yellowing with age

Many optional features provide customized solution for your application

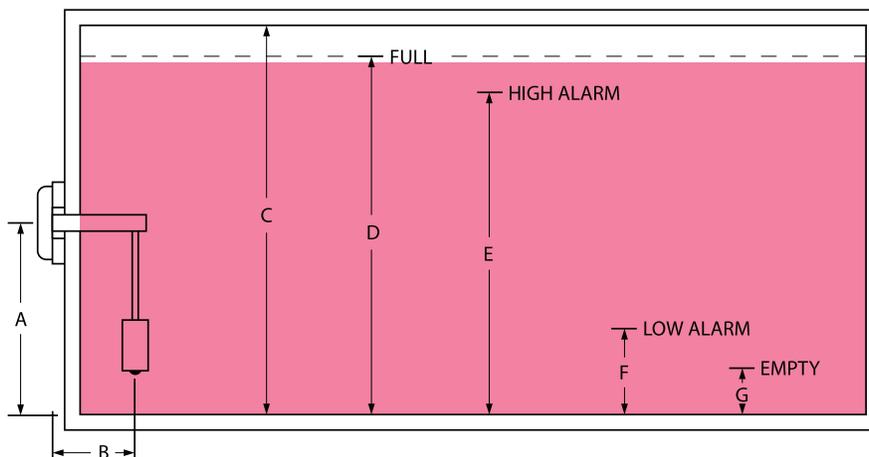
- Up to two independent switch contacts are available, which can be set to operate per individual applications
- Both industry standard and custom engineered dial markings are available
- A wide variety of electrical connections are available including QUALITROL quick connects, Military style, ANSI, conduit-ready and terminal box styles





Customizing options for QUALITROL 035

The 035 series liquid level gauges are highly customizable and can be tailored perfectly to many applications. The illustration below exhibits some of the dimensions that can be specified in order to fit specific tank sizes. These are only some of the options available. Others include materials and appearance of the gauge.

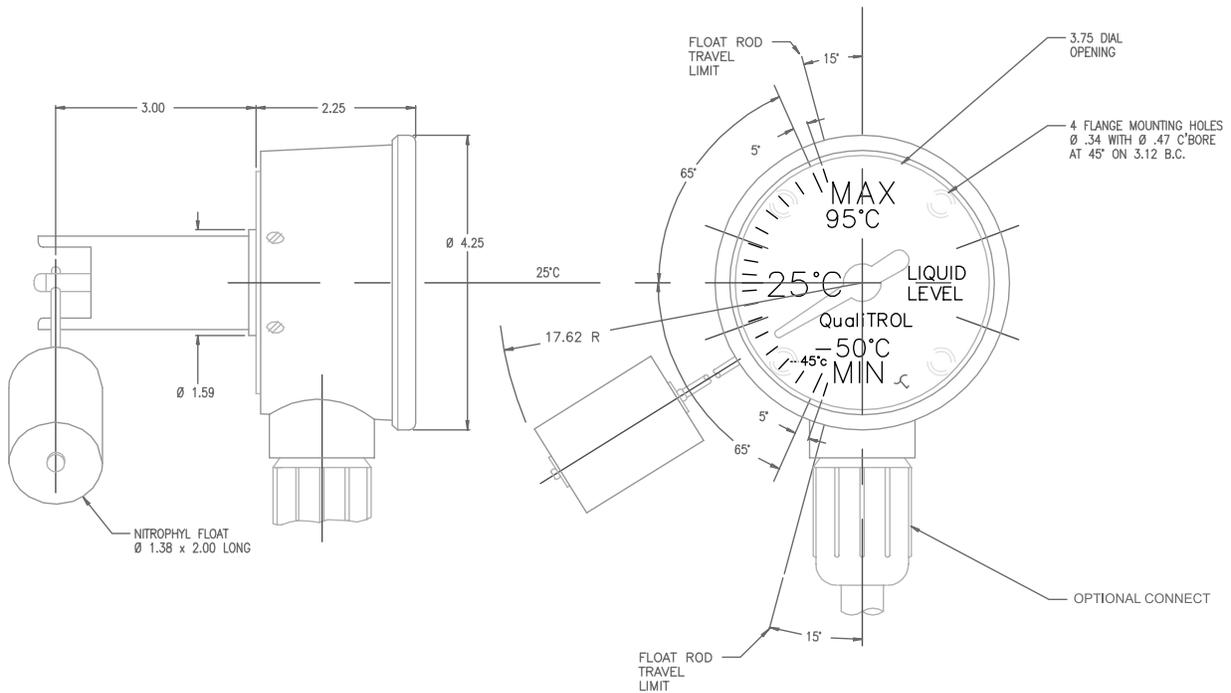


Customer specified dimensions include:

- A - Distance between gauge location and bottom of tank
- B - Distance between desired float location and tank wall
- C - Height of tank
- D - Full tank liquid level

- E - Desired liquid level for upper alarm
- F - Desired liquid level for lower alarm
- G - Distance between float and bottom of tank when empty

TECHNICAL SPECIFICATIONS		
Mechanical	Mounting	Flange mount
	Standard dial ranges	Customer specified
	Float mechanism	Lever
Dimensions	Dial diameter	3.75" (95.25 mm)
	Depth in tank	3.00" (76.2 mm) standard
Materials	Case	Die-cast aluminum, ASA #70 light gray thermosetting powder coat finish
	Flange	Aluminum, 304 stainless
	Support tube	Brass
	Float rod	Brass
	Float	Nitrophyl (standard), cork, brass, stainless steel
	Lens	Glass, UV stabilized polycarbonate
Electrical	Connection type	Flying leads (standard), quick connectors, sealed-weatherproof connectors, terminal box
	Switch rating (AC)	10A @ 125, 250, 480 VAC
	Switch rating (DC)	1/2A @ 125 VDC, resistive
		1/4A @ 250 VDC, resistive
	Switch type	SPDT
Dielectric strength	1,500 VAC for 60 seconds	



Don't see what you need?

QUALITROL regularly creates models with special customer requirements. Contact your local sales representative or QUALITROL Application Engineer to review your special requirements.

QUALITROL® Field Services

To further improve reliability, QUALITROL provides comprehensive education and on-site commissioning services, maintenance contracts and technical support to all customers worldwide. Emergency response is available on all products and services.

About QUALITROL®

QUALITROL Company LLC manufactures substation and transformer monitoring and protection devices used by electric utilities and manufacturing companies. It is the global leader in sales and installations of transformer asset protection equipment, fault recorders and fault locators. Established in 1945, QUALITROL Company produces thousands of different types of products on demand, each customized to customers' unique requirements.

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