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PRODUCT CATALOGUE

Industrial equipment for the visual inspection of
processes



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OPTICAL LEVEL GAUGES

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LEVEL GAUGES

SECTIONED TANK GAUGES - REFLEX - LGP SERIES

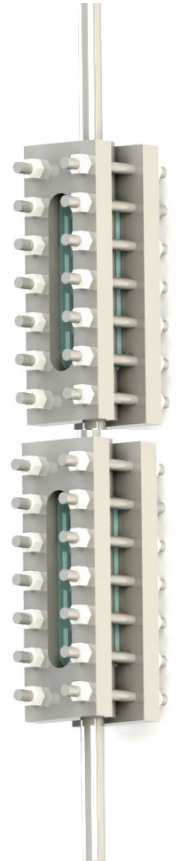
These sectioned tank gauges are used to observe the level of a tank at a specific point within it, especially in applications where operational conditions do not allow the use of other types of level indication. Examples include high pressures, highly corrosive environments, or situations where leaks cannot be tolerated. Due to their type of indication, they have two observation points and can use protective micas, as well as PCTFE shields.

The connections can be threaded or flanged, and these devices can withstand pressures ranging from 0 PSI to 1500 PSI. They can be manufactured in carbon steel with an anti-corrosive coating or in stainless steel.

The glasses are made of borosilicate 3.3 glass according to the international standard DIN7081, which guarantees the proper functioning of the glasses under high-pressure and high-temperature conditions.

For operating pressure, these DOUGLASS devices are limited to 4000 PSI with non-corrosive fluids at room temperature, without steam, and without chemical attack on the glass when in direct contact with it. If protective micas are used under these conditions, they can withstand up to 5000 PSI.

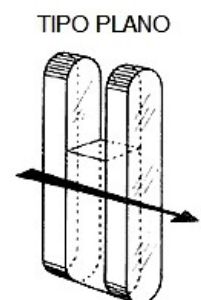
The pressure is limited to 500 PSI with hot fluids and saturated steam (these conditions make the fluid highly alkaline, causing glass attack). In these conditions, and with protective micas, the maximum working pressure is 1500 PSI.



Connection Type Possible Seals/Gaskets	Threaded NPT / Flange
Types of Level	REFLEX
Indication Working Pressure	From 0 to 4000 PSI
Working Temperature	Consult pressure/temperature relationship
Possible Seals/Gaskets	Graphite, Asbestos, Non-Asbestos, Teflon, Graphite/Kevlar, Laminated Graphite

DOUBLE WINDOW - FLAT

For flat level indicators, a system based on two viewing windows is used, allowing direct observation through the glasses as the fluid rises or falls. These are primarily used in processes where the color of the liquid is of great importance to the process or in applications that require protective mica.



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PRODUCT WARRANTY



WARRANTY

WARRANTY PERIOD DOUGLASS

warrants the merchandise for defective workmanship and materials that manifest within a period of 12 months from the date of receipt of the invoice by the buyer (hereinafter, the warranty period).

All responsibilities under the warranty provisions will expire once the warranty period has elapsed.

DOUGLASS'S OBLIGATIONS

DOUGLASS's obligations under this warranty will be limited to the repair or, if it so decides, the supply of replacement products for the defective merchandise or part(s) thereof and the rectification of the defect(s) in the equipment that occur during regular use, within the parameters of operation established for the equipment, and within the warranty period. This is limited in value to what is stated on the commercial invoice covering the said equipment.

In no case shall DOUGLASS or its representatives be liable for accidents and their consequences arising from the use of our equipment or materials. By the mere use of the material, the user unconditionally accepts the terms of this warranty.

BUYER'S OBLIGATIONS

In the event that the buyer observes that the merchandise has defects during the warranty period, they shall immediately provide the seller with details of such defects and shall make every effort to provide all necessary information and details to enable DOUGLASS or its representatives to verify the reported details and determine the nature and cause of the claimed defects. The buyer shall also allow DOUGLASS or its representatives full and adequate access to their facilities in order to assess and/or rectify the defects.

WARRANTY EXCEPTIONS

The warranty mentioned above shall not apply to defects in the merchandise caused, in whole or in part, by installation, storage, use, maintenance, or repairs of the merchandise deemed inadequate by DOUGLASS. It also does not cover additions made by the buyer or user to the merchandise or products, or modifications or additions made by third parties appointed by the buyer or user, as mentioned above, without the express written consent of DOUGLASS.

As DOUGLASS cannot have control or knowledge over how users install, use, or maintain the equipment, DOUGLASS does not assume responsibility for loss or damage that is a consequence of, or has been caused by, incorrect information provided by the buyer; usage under conditions different from those specified in the product specifications; lack of information regarding the buyer's requirements concerning equipment specifications or usage; circumstances beyond DOUGLASS's control such as wear and tear, accidents, transportation, negligence, improper use, and other conditions or circumstances beyond DOUGLASS's control.

WARRANTY ON REPLACEMENTS

When defective merchandise is replaced through an exchange or when defective merchandise is repaired, the provisions of this warranty clause shall apply to the replaced or repaired merchandise for the remainder of the unexpired warranty period or for a period of six months from the date of replacement or repair, whichever is longer.

The provisions of the above warranty shall not apply to merchandise to the extent it is impossible or unsafe for the seller to comply with it.