

MAGNETIC OIL LEVEL GAUGES



406 Series 6" (150mm)
with Plug-in Connector



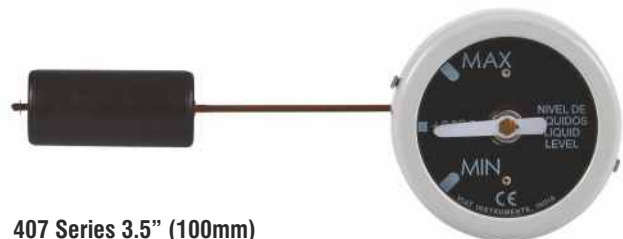
406 Series 3.5" (100 mm)
with Terminal Box



405 Series 6" (150mm)
with Terminal Box



405 Series 6" (150mm)
with Plug-in Connector



407 Series 3.5" (100mm)
without Contacts

FEATURES

- Nitrophyll® floats and Honeywell® micro switches used.
- Rare earth magnet coupling for precision pointer movement.
- Precision switch setting for accurate operation of switch versus level in tank.
- Mounting dimensions to customer requirement optional.
- Plug in or terminal type switch.
- Switch options - low/low and high/low and very low.
- Customized dial.
- UL/CSA rated switches, wires and cables.
- Conforming to IEC 60076.

VIAT

INSTRUMENTS

VI-C07A(R1)

A House of
Transformer
Accessories

DESCRIPTION:

Continuous oil level monitoring specially developed for use in transformers and compatible with all kinds of oil used in them. High contrast dial with a bright coloured indicator to show oil levels at different temperatures as well as minimum and maximum oil levels. A continuous analog output can be provided along with switches for alarm or trip. Switches are factory calibrated and various setting options including high, low and very low are possible.

CONSTRUCTION:

These gauges have a rugged Aluminium alloy housing with a removable backplate. This enables the gauge to be stored safely and only the back plate needs to be mounted on the transformer for filling process. It also presents an added advantage of being able to replace a gauge in the future by using the same base plate. This removes any hassle of having to drain the tank.

No physical shaft connection between the body and backplate ensures a leakproof design and the use of high accuracy permanent magnets ensures longevity and precision. Special Nitrophyll® float compatible with high temperatures and pressure in a transformer.

Electrical signal output can be connected to and transferred using plug-in connector or terminal box. The terminal box is provided with a cable gland.

Technical Specifications	
Standard Material:	
Body	Aluminium Alloy.
Float	Nitrophyll®.
Dial Window	UV protected Polycarbonate.
Dial	High contrast dial.
Dial Size:	
405	6" (150mm).
406/407	3.5" (100mm).
Dial Markings:	Min, Max; Low, High; + Normal level indicators at various others.
Switch Specifications:	
Switch Type	SPST or SPDT
Number of Switches	Upto 2
Connection Type	Connector Terminals or Plug-in type.
Switch Rating	480, 250, 125V (AC), 11A 250V (DC), 0.25A 125V (DC), 0.5A
Dielectric Insulation	2kV between circuit and earth. 1kV between contacts.
Options:	
Analog Output	4-20 mA linear analog output.
High Corrosion Environment	C5M and CX rated options.

Please contact us for ordering form/drawings and any further details

Due to our policy of continuous product improvement, dimensions and designs are subject to change.



VIAT INSTRUMENTS PVT. LTD.

2701 to 2704, Shilpangan Phase-II, Block LB-1
Sector-III, Salt Lake, Kolkata - 700 098, INDIA
Phones : (91-33) 9903805104, 23352925 ● Fax : (91-33) 23352926
E-mail : viatin@viatin.com ● Website : www.viatin.com

VIAT AMERICA, INC.

Tel: 949-679-0950
Fax: 949-417-1358
E-mail : sales@viatamerica.com
Website : www.viatamerica.com