

OIL LEVEL INDICATOR & THERMOMETER

Model 809, 810



Model 809 - Horizontal Mounting



Model 810 - Vertical Mounting

FEATURES

- Amalgamation of Oil Level Indicator & Thermometer.
- Designed to monitor level and temperature of operating fluid simultaneously.
- Rugged design for prolonged service.
- Clear, UV stabilized polycarbonate lens, enclosing dial cap for scratch free view.
- 100% mechanical mechanism with magnetic coupling for level.
- Reliable and cost effective.
- Single installation on transformer top cover or sidewall.
- Use of precise bimetal for temperature indication.
- CE marking.

VIAT

INSTRUMENTS

VI-C10(R1)

**A House of
Transformer
Accessories**

OPERATION

LEVEL INDICATION : Fluctuation in oil level causes the float to move in upward or downward direction. This forces pointer to move on dial, as pointer and float are magnetically coupled.

TEMPERATURE INDICATION : Fluid temperature is sensed by the probe (containing Bi-Metallic Coil) which is immersed in fluid. The bi-metallic coil in turn moves the temperature indicator, which is attached to it.

APPLICATION : Oil Level Gauge & Thermometer COMBO is best suited for oil filled distribution transformers to monitor oil level and temperature simultaneously.

TECHNICAL SPECIFICATIONS for 809	
Size	: 60 mm Square
Mounting Type	: Horizontal (Side Wall)
Mounting PCD	: 63.5 mm
Dial Size	: 43.7 mm
Temperature Range	: 0°C - 120°C [Accuracy of $\pm 4\%$ of Dial Range]
Level Range	: Low - Normal - High
Probe	: Nickel Plated Brass [$\varnothing 7.5$ mm x 56 mm (immersible length)]
Lens	: Toughened Glass/U.V. stabilised polycarbonate
Float	: Nitrophenyl [®]

TECHNICAL SPECIFICATIONS for 810	
Size	: $\varnothing 70$ mm Base
Mounting Type	: Vertical (On Cover)
Tank Connection	: G 1.5" to ISO 228 (1.5" BSP)
Temperature Range	: 0°C - 120°C [Accuracy of $\pm 4\%$ of Dial Range]
Probe	: Brass
Lens	: Clear, UV stabilized Polycarbonate
Float	: Nitrophenyl [®]

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