

BWY-806A11 Oil Temperature Indicator

LANSO[®]
Transformer fittings



Technical Data

1. Oil temperature indicator technical Parameter:

Product characteristics	Specifications
Ambient temperature	-40°C~+65°C
Measuring range	-20°C~+140°C
Relative humidity	≤95 (No condensation)
Number of switches	6
Switch capacity	AC 220V/5A DC110V/1A
Remote signal	Meter outputs two Pt100 signals Composite sensor outputs two Pt100 signals
Indication error	±2.4°C (-25°C~+65°C)
Accuracy class	1.5%FS (-25°C~+65°C)
Action error	±2.4°C
Capillary length	6M, 9M, 12M (Other lengths can be customized)
Minimum division	2°C
Protection grade	IP65
Switch setting interval	

Description

The oil temperature indicator is specifically used to measure and monitor the top oil temperature of transformers. Perform oil temperature monitoring, non-electricity protection, Remote transmission of temperature information, Cooling capacity grading control and other functions.

Application

- High measurement accuracy, It is a 1.5% FS (-25 °C~65 °C) all weather product that exceeds IEC requirements;
- Adopting a distributed measurement structure, On site measurement, Digital Transmission, Transmit RS485 digital signal to the backend;
- Non-electricity protection, Using constant temperature coefficient high nickel alloy edge welding elastic elements to drive pointer thermometers;
- Adjustable temperature control switch contacts;
- Six sets of temperature control switches, Cooling capacity grading control;
- Integrated structural design of alloy die-casting, Higher strength;
- Protection level IP65.

2. Electromagnetic compatibility performance

Testing standards	Grade	Judgment criteria
GB/T 17626.2 Electrostatic Discharge (ESD)	Level 4	A/B
GB/T 17626.3 Radio frequency electromagnetic field radiation	Level 3	A
GB/T 17626.8 Power Frequency Magnetic Field	Level 5	A
GB/T 17626.9 Pulsed magnetic field	Level 5	A
GB/T 17626.10 Damped Oscillatory Magnetic Field	Level 5	A
GB/T 17626.11 Voltage Sags	Level 3	A/B
GB/T 17626.4 Electric fast transient pulse group	Level 4	A/B
GB/T 17626.5 Surge (impact)	Level 4	A/B
GB/T 17626.6 Conducted disturbances induced by radio frequency fields	Level 3	A