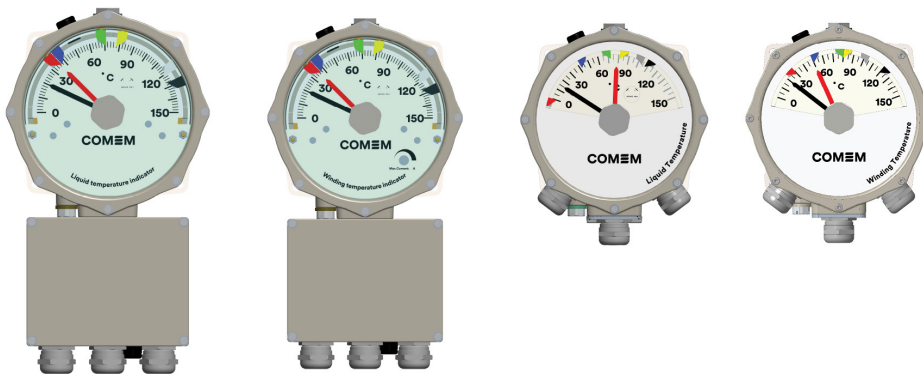


Temperature insights for increased transformer safety

Explore our temperature indicators offering



Keeping the temperature under control is crucial to ensure the safety and reliability of your transformer.

Unexpected temperature variations in transformer insulation liquid or winding may cause costly and dangerous transformer failures.

We offer liquid and winding temperature indicators that are:

- **Compatible** with all transformer designs
- **Customizable** to fit unique requirements
- **Compact-sized** for cabinet installations

You can **adjust the value settings on-site** for alarms and switches or let them preset during the assembly operation in our factory with the possibility of **switch overlapping** for more flexible range setting.

The **easy-to-read dial** enables on-site monitoring for service on-site.

With **4-20 mA and Modbus** connectivity, you can remotely monitor the temperature readings and make informed decisions about transformer maintenance schedule.

Why buy?

Transformer safety:

- Proven technology based on Bourdon working principle
- Up to 6-switch redundancy for uninterrupted functionality
- Switch overlapping for more flexible range settings

Serviceability:

- Simple installation
- Suitable for retrofitting
- Compact type suitable for installation inside the cabinet
- Alarms easily settable on-site
- On-site adjustable reading

Connectivity:

- Possibility to remote the control signals through common communications protocols
- Available eDevice models compatible with MeDICA transformer monitoring ecosystem

TECHNICAL FEATURES AT A GLANCE

Temperature indicators in oil / IEC

	Type	Liquid temperature indicators	Winding temperature indicators
		OTI/eOTI OTI-C/eOTI-C	WTI/eWTI eWTI-C/eWTI-C
Standard configuration	Scale	-50°C / +150°C, -20°C/ +140°C, 0°C/+150°C, 0°C / +160°C	
	Corrosion protection	C4-Medium (standard) C5-Medium (on request) CX Offshore (on request)	
	Dial protection	Polycarbonate	Polycarbonate
	CT nominal current	Not available	1, 2, and 5A
	Ventilation system	Yes	Yes
	Micro switches	Up to 6	Up to 6
	Capillary length	Up to 16 m	Up to 16 m
	Max pointer	Yes	Yes
Options	PT100	Up to 2 1 for eOTI/eOTI-C	Up to 2 1 for eWTI/eWTI-C
	Vibration damping	Available	Available
	MBO contacts	Up to 4 available Not available for OTI-C/eOTI-C	Up to 4 available Not available for WTI-C/eWTI-C
	Analog output 4-20 mA	Embedded (eOTI/eOTI-C) or external transducer	Embedded (eWTI/e WTI-C) or external transducer
	Digital output Modbus RTU	Embedded (eOTI)	Embedded (eWTI)
	Dial protection	Glass	Glass
	Thermal well	Available	Available

Temperature indicators in air / ANSI

	Features	Liquid temperature indicators	Winding temperature indicators
	Type	ATI/eATI/ATIw/ ATI-C/eATI-C/ATIw-C/ eATIw-C	AWTI/eAWTI AWTI-C/eAWTI-C
Standard configuration	Scale	From 0°C up to +120°C	From 0°C up to +180°C
	Dial protection	Polycarbonate	Polycarbonate
	CT nominal current	Not available	1, 2, and 5A
	Ventilation system	Yes	Yes
	Micro switches	Up to 6	Up to 6
	Capillary length	Up to 394" (10 m)	Up to 394" (10 m)
	Max pointer	Yes	Yes
	Options	PT100	Up to 2 1 for eATI-eATI-C/ATIw/ eATIw-C
Vibration damping		Available	Available
Analog output 4-20 mA		Embedded (eATI/eATIw/eATI-C) or external transducer	Embedded (eAWTI/eAWTI-C) or external transducer
Digital output Modbus RTU		Embedded (eATI/eATIw)	Embedded (eAWTI)
Dial protection		Glass	Glass
Thermal well		Available	Available

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