



innovative
Sensor
Technology

Standard or customized

Humidity monitoring in TRANSFORMERS



Save maintenance costs with a fitted sensor for remote monitoring!

Electrical transformers need humidity measurement in the insulation oil as well as the air above. Built-in sensors facilitate continuous measurement for stable process control and minimize maintenance expenditures.

iST has developed sensor modules especially for humidity and temperature measurement embedded in industrial monitoring systems.



physical · chemical · biological

iST sensor solutions

- Assembled sensor probes with customizable housing & connector
- Calibrated RH/T modules with application specific calibration
- Humidity sensor elements with superior linearity and stability

Advantages

- Compact assembly with many customization options
- Resists condensation occurrence
- Long-term stable factory calibration with <3% accuracy

Components for moisture in oil

No more guesswork on spot sample lab analysis



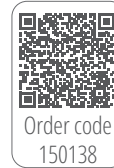
Moisture in oil probe

Pre-calibrated and ready to use



HYT 271

Planar humidity module for harsh conditions



MK33-W mini

Capacitive Humidity Sensor element

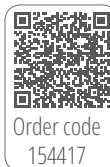
Components for relative humidity in air

No more visual checks of breather air filter cartridges



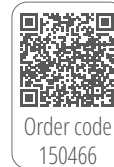
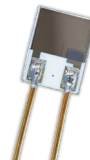
Humidity probe

Pre-calibrated and ready to use



HYT 939P

Humidity and temperature module with VOC protection



P14-W

Capacitive Humidity Sensor element



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