



CEDASPE® VT-SERIES

POINTER-TYPE THERMOMETERS  
FOR DISTRIBUTION TRANSFORMERS.

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# CEDASPE® VT-SERIES – PROVEN AND RELIABLE BOURDON TECHNOLOGY.

The MR CEDASPE® VT bourdon-type thermometers are designed for oil-temperature measurement within DT transformers. They are available either as 80 mm indicators without microswitches or as 100 mm indicators with two microswitches.

If you are looking for a proven standard solution for recurring tasks, the CEDASPE® VT offers reliable MR quality, fulfilling all requirements at a reasonable cost.

## Advantages

- Bourdon-tube measuring system with no additional mechanical parts
- Housing, connection, stem and capillary made of stainless steel
- Extremely durable and reliable
- Design per EN13190, accuracy class 1
- No readjustment or recalibration needed ever
- Temperature sensor compatible with common Type A thermometer pockets per IEC 60076-22
- Safe function even in case of vibrations and extreme outdoor conditions

## Variants and options

- Housing diameter of 80 mm or 100 mm
- With fixed temperature sensor or flexible capillary tube
- Switchless (VT80) or with 2 adjustable microswitches (VT100)



VT100  
with rigid  
temperature bulb  
and two switches



VT80  
with 6 m capillary  
and wall mount

# TECHNICAL DETAILS

## VARIANTS VT80 AND VT100.

### CEDASPE® VT80

Versions with capillaries are used in locations which are not easily accessible and where remote indication is requested.

Technical Data VT80 (Art.No.: 1016387500)	
Diameter	85 mm (dial 75 mm)
Capillary	Stainless steel with PVC protective sleeve
Capillary length	6 m*
Temperature sensor	Ø12 mm x 124 mm (stainless steel)
Sensor gland	G1"B*
Ambient temperature	-40 °C...+80 °C
Scale range	-20 °C to +120 °C
Accuracy	Class 1 per EN13190
Degree of protection	IP55
Vibration	Class 4M4 per IEC 60721-3-4

\*) others available on request



The CEDASPE® VT80 is delivered complete including a wall mount.

### CEDASPE® VT100

Versions for direct mounting which indicate temperature at its measuring point. Microswitches are connected simply by plug.

Technical Data VT100 (Art.No.: 1016387800)	
Diameter	100 mm (dial 85 mm)
Switches	2 freely adjustable microswitches (CO)
Switch load	5 A, 250 VAC (resistive)
Temperature sensor	Ø12 mm x 179,4 mm (stainless steel)
Sensor gland	G1"B*
Ambient temperature	-40 °C...+80 °C
Scale range	-20 °C to +120 °C
Accuracy	Class 1 per EN13190
Window	Laminated safety glass
Degree of protection	IP65
Vibration	Class 4M4 per IEC 60721-3-4

\*) others available on request



The CEDASPE® VT100 is delivered complete including plug.

<https://www.reinhausen.com/productdetail/thermometer/cedaspe-vt>



# CEDASPE® VT-SERIES – HIGHLIGHTS AT A GLANCE.



Low cost compared to other technologies



Easy to install and commission



Optimized blending and scaling; viewing glass with integrated UV filter



Maintenance free. Maximum operating safety

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