TR45 Cut to Length RTD Sensor
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**Applications:**

TR45 series sensors are suitable for most industrial and commercial applications including:
- Automotive industries
- Chemical and petrochemical industries
- Electronics and semiconductor industries
- Energy and power plant technology
- Heating, ventilation, air-conditioning
- Machinery, plant and tank measurement
- Plastics and rubber industries
- Power and utilities
- Pulp and paper
- Water and wastewater treatment

**Features:**

- Fast delivery and a low cost solution when minimum downtime of the process is essential.
- The RTD sensor is supplied with 316/316L stainless steel sheath material.
- Sensor diameters are available in 0.188 and 0.250 inch also 4 and 6 mm.
- Temperature range of the sensor is -50 to +250 °C for PTFE insulated lead wire and -50 to +450 °C for fiberglass lead wire.
- When selected, the stainless steel tubing extension can be attached to the sensor using a roll-crimp or supplied separately.
- Thin film element technology provides tip sensitivity and fast response.

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<th>Sensor Element</th>
<th>Measuring range</th>
<th>Wiring configuration</th>
<th>Classification tolerance</th>
<th>Tip construction</th>
<th>Sheath material</th>
<th>Termination</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pt100</td>
<td>-50 °C to +450 °C</td>
<td>2, 3, or 4 wire (single)</td>
<td>Class B to DIN EN 60751</td>
<td>Tip sensitive</td>
<td>Stainless steel 316 / 316L</td>
<td>Stripped leads</td>
<td>Lengths and diameters standard or customer specific</td>
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<th>Fax</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada</td>
<td>WIKA Instruments Canada Ltd., Edmonton, Alberta</td>
<td>(+1) 780 435 7026</td>
<td>(+1) 780 482 0217</td>
<td><a href="mailto:info@wika.ca">info@wika.ca</a></td>
</tr>
<tr>
<td>Mexico</td>
<td>WIKA Instrumentos WIKA México, S.A. de C.V., Alvaro Obregón</td>
<td>(+52) 55 5520 5300</td>
<td>(+52) 55 5520 5310</td>
<td><a href="mailto:info@wika.com.mx">info@wika.com.mx</a></td>
</tr>
<tr>
<td>USA</td>
<td>WIKA Instrument Corporation, Electical Temperature Division, Deer Park, Texas</td>
<td>(+1) 713 475 0011</td>
<td>(+1) 770 338 5118</td>
<td><a href="mailto:info@wika.com">info@wika.com</a></td>
</tr>
<tr>
<td>South America</td>
<td>WIKA Instrumentation Ltda, Buenos Aires, Argentina</td>
<td>(+54) 11 4730-1800</td>
<td>(+54) 11 4761-0050</td>
<td><a href="mailto:info@wika.com.ar">info@wika.com.ar</a></td>
</tr>
<tr>
<td>Europe</td>
<td>WIKA Sensor Measurement Technology, Wiener Neustadt, Austria</td>
<td>(+43) 1 89.63 34 34 34</td>
<td>(+43) 1 89.63 34 34 35</td>
<td><a href="mailto:info@wika.de">info@wika.de</a></td>
</tr>
<tr>
<td>Poland</td>
<td>WIKA Paryska Fabryka Manometrów, Wodzislaw</td>
<td>(+48) 54 230 11 00</td>
<td>(+48) 54 230 11 01</td>
<td><a href="mailto:info@manometry.com.pl">info@manometry.com.pl</a></td>
</tr>
<tr>
<td>Russia</td>
<td>ZAO “WIKA MERA”, Moscow</td>
<td>(+7) 495 649 01 80</td>
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<td><a href="mailto:info@wika.ru">info@wika.ru</a></td>
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<tr>
<td>Asia</td>
<td>WIKA Instruments India Pvt. Ltd., Waghrot, Pune</td>
<td>(+91) 20 66239320</td>
<td>(+91) 20 66239325</td>
<td><a href="mailto:info@wikai.com.in">info@wikai.com.in</a></td>
</tr>
<tr>
<td>Africa/Middle East</td>
<td>WIKA Instrumentation Pans, Kish Ltd., Tehran</td>
<td>(+98) 21 8651 6700</td>
<td>(+98) 21 8651 7613</td>
<td><a href="mailto:info@wika.ir">info@wika.ir</a></td>
</tr>
<tr>
<td>Australia</td>
<td>WIKA Australia Pty. Ltd., Rydalmere NSW</td>
<td>(+61) 2 8845 5222</td>
<td>(+61) 2 8839 1650</td>
<td><a href="mailto:sales@wika.com.au">sales@wika.com.au</a></td>
</tr>
<tr>
<td>Egypt</td>
<td>WIKA Alexander Wiegand GmbH &amp; Co. KG, Nier City, Cairo</td>
<td>(+20) 2 2273 33 140</td>
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<td><a href="mailto:info@wika.de">info@wika.de</a></td>
</tr>
<tr>
<td>China</td>
<td>WIKA International Trading (Shanghai) Co., Ltd., Shanghai</td>
<td>(+86) 21 23 65 20 27</td>
<td>(+86) 21 23 65 20 28</td>
<td><a href="mailto:info@wika.de.cn">info@wika.de.cn</a></td>
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<tr>
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<tr>
<td>South Africa</td>
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<td>(+27) 11 621 31 39</td>
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<tr>
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<td>(+55) 19 3499 9720</td>
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<td><a href="mailto:marketing@wika.com.br">marketing@wika.com.br</a></td>
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<tr>
<td>Germany</td>
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<tr>
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<tr>
<td>Spain</td>
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<td>(+34) 932 392 577</td>
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