Air Temperature
RTD Sensors

For Monitoring of Air and Gas Streams; Mounts in Any Orientation
Exposed Sensing Element Has Fast Response Times in Air

Available with Stainless Steel or Plastic Housings
High-Accuracy, 100 Ω, Class “A” DIN Platinum Element
3-Wire Construction for Connecting to Most Instruments
Perfect for Air Temperature Monitoring and Control in Laboratories and Laminar Flow Benches

RTD-805, shown smaller than actual size.
RTD-806 with plastic shield, shown actual size.
RTD-805 with stainless steel shield, shown actual size.

Images are for reference only.

Popular Options Include:

iDRN-RTD digital signal conditioner, visit omega.com/idrn-idrx
PUK-2T-10PK DIN rail terminal block, 10 pack, see omega.com/terminal-blocks
CN606RTD 6-zone 1⁄4 DIN temperature monitor.
OM-CP-OCTRTD 8-channel data logger, visit omega.com/om-cp-octrtd

How are OMEGA’s Model Numbers Constructed?

Termination Options: (Blank) = Miniature Connector (Standard)
OTP = Heavy-Duty Connector
TA3F = Audio Connector
LUG = Copper Lugs

RTD — 805 — TA3F
RTD — 806 — LUG

MTP-U-F, Miniature Mating Connector, PCLM-MTP Cable clamp
Miniature Connector, OTP-U-F Heavy Duty Mating Connector,
PCLM, Heavy duty Connector cable clamp

Class “B” also available in economical 3-packs.

Ordering Example: RTD-805-TA3F. RTD-806-SPRTX(M1).
## To Order

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Sensing Element</th>
<th>Cable</th>
<th>Max Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTD-805</td>
<td>100 Ω Class “A” DIN</td>
<td>1 m (40”) PFA insulated with MTP connector</td>
<td>230°C (450°F)</td>
</tr>
<tr>
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**Terminations Available:** Provided with a miniature connector standard. For heavy-duty connector add “-OTP” to model number for an additional cost. For audio connector add “-TA3F” to model number for an additional cost. For terminal lugs add “-LUG” to model number for an additional cost. Mating connector sold separately.

**Ordering Examples:** RTD-805-TA3F, 100 Ω class “A” SST housing with terminal lugs.

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</tr>
<tr>
<td>RTD-805- OTP</td>
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All accessories sold separately.