

Selection guide

Temperature sensors and thermowells



PR and PRMTA Series RTD ¹ Sensors	MT and PRMTA Series TC ² Sensors	Thermowells
Highest accuracy (± 0.13 °C/ ± 0.23 °F)	Wide temperature ranges (-270 °C to +1300 °C/-454 °F to +2372 °F)	TT Series Thread: 1/2", 3/4" or 1" NPT
Platinum elements with 2-, 3-, or 4-wires	Types E, J, K, N, and T	TF Series Flanged: ANSI Class 150, 300 or 600
Custom linearization (Callendar van Dusen)	Lengths up to 914 mm (36") standard with custom longer lengths	TW Series Welded: 1.05" and 1.315" OD for 3/4" and 1" pipe socket weld
Lengths up to 914 mm (36") standard with custom longer lengths	316 Stainless Steel or Nickel alloy sheaths	TS Series Sanitary: 3/4", 1", 1½", 2", and 4" Tri-Clamp
316 Stainless Steel or Nickel alloy sheaths	Welded connection or spring-loaded for thermowell mount	Straight, tapered, and stepped shanks available
Welded connection or spring-loaded for thermowell mount	MT Series Available in connection head for remote deployment	Lengths up to 914 mm (36") standard with custom longer lengths
PR Series available in connection head for remote deployment		316 Stainless Steel standard or other materials by request
PR Series* PSS 1-1B1 A PRMTA Series* PSS 3-3E1 A	MT Series* PSS 1-1B6 A PRMTA Series* PSS 3-3E1 A	T Series* PSS 3-3D1 A

* Please use this term in our search window on www.schneider-electric.com to access more product details.

¹ Resistance Temperature Detectors

² Thermocouples