

# proSense™ RTD Thermowells and Fittings

by AUTOMATIONDIRECT



Company Information

Systems Overview

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Steppers/ Servos

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## Features

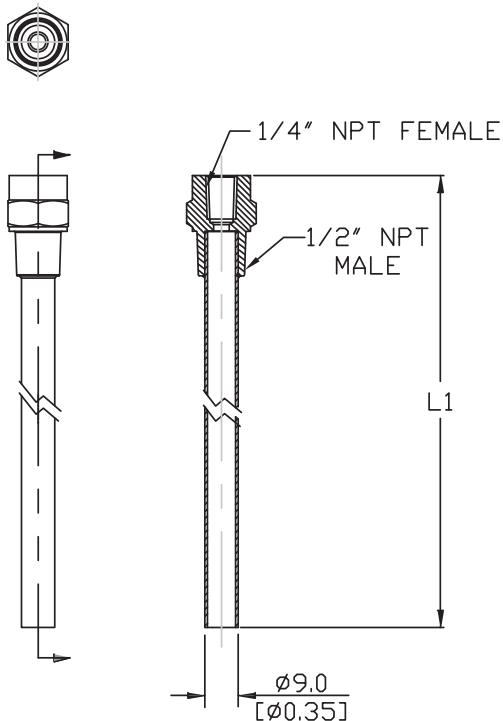
- Thermowells for ProSense 1/4 inch and 10 mm diameter RTD probes
- All wetted parts are 316 stainless steel
- 600°F (315°C) temperature and 232 psi (16 bar) pressure rating
- CF06-25N or CF10-50N fitting required to mount RTD probes in thermowell
- 3-Year warranty

ProSense Thermowells for RTDs						
Part Number	Description	Pcs/Pkg	Wt(lb)	Price	Use With	
RTDTW-06-010-50N	RTD thermowell for 1/4 inch (6 mm) diameter probe, 6.3 inch (160 mm) long, 1/2 (0.5) inch NPT male process connection	1	0.33	<--->	RTD0100-06-010-H CF06-25N	
RTDTW-06-020-50N	RTD thermowell for 1/4 inch (6 mm) diameter probe, 10.2 inch (260 mm) long, 1/2 (0.5) inch NPT male process connection	1	0.38	<--->	RTD0100-06-020-H CF06-25N	
RTDTW-06-030-50N	RTD thermowell for 1/4 inch (6 mm) diameter probe, 14.2 inch (360 mm) long, 1/2 (0.5) inch NPT male process connection	1	0.42	<--->	RTD0100-06-030-H CF06-25N	
RTDTW-10-010-50N	RTD thermowell for 10 mm (0.4 inch) diameter, 160 mm (6.3 inch) long probe, 1/2 (0.5) inch NPT male process connection	1	0.28	<--->	RTD0100-10-010-H CF10-50N	
RTDTW-10-020-50N	RTD thermowell for 10 mm (0.4 inch) diameter, 260 mm (10.2 inch) long probe, 1/2 (0.5) inch NPT male process connection	1	0.36	<--->	RTD0100-10-020-H CF10-50N	
RTDTW-10-030-50N	RTD thermowell for 10 mm (0.4 inch) diameter, 360 mm (14.2 inch) long probe, 1/2 (0.5) inch NPT male process connection	1	0.42	<--->	RTD0100-10-030-H CF10-50N	
RTDTW-10-050-50N	RTD thermowell for 10 mm (0.4 inch) diameter, 560 mm (22.0 inch) long probe, 1/2 (0.5) inch NPT male process connection	1	0.58	<--->	RTD0100-10-050-H CF10-50N	

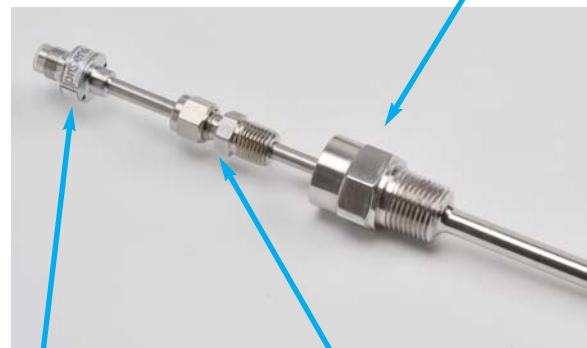


**NOTE: CHECK THE CHEMICAL COMPATIBILITY OF THE SENSOR'S WETTED PARTS WITH THE MEDIUM TO BE MEASURED.**  
[WWW.AUTOMATIONDIRECT.COM/STATIC/SPECS/PROSENSECHEMRESISTANCE.PDF](http://WWW.AUTOMATIONDIRECT.COM/STATIC/SPECS/PROSENSECHEMRESISTANCE.PDF)

## RTDTW-06 Series Dimensions



## RTD & Thermowell Assembly Example



RTD Series Probe

CF Series Compression Fitting

RTDTW Series Thermowell

Part Number	L 1
RTDTW-06-010-50N	160 mm [6.3]
RTDTW-06-020-50N	260 mm [10.2]
RTDTW-06-030-50N	360 mm [14.2]

Torque threads to 40 lb-ft [54.23 Nm]\*

Dimensions shown mm [inches]

\* Torque values are for reference. Actual torque required for a proper seal of NPT threads is influenced by tolerance, sealant, lubricant, etc.