

# 3A Sanitary RTD



## Description & Features:

- A sensitive temperature sensor designed to transmit an electronic signal to a remote location with a Tri-clamp® connection.
- Polypropylene Head
- 1.5", 2", 2.5" & 3" Tri-clamp connections
- 316 stainless steel stem with various lengths available
- Platinum resistant element
- .12% accurate

## Applications:

- Remote Industrial temperature sensing for Heating, Ventilation, Air Conditioning, waste water, Industrial processes, Compressors, Pulp & Paper, injection molding.

® Tri-clamp is a registered trademark of Tri-Clover.

## Specifications

<b>Head:</b>	Polypropylene
<b>Probe:</b>	AISI 316 stainless steel, 1/4" diameter with #4 finish standard per 3A standard 09-08
<b>Pressure Rating:</b>	500 psi (3,477 kPa) maximum
<b>Element:</b>	Platinum
<b>Connection:</b>	AISI 316 stainless steel, polished, 1 1/2", 2" and 2 1/2" and 3" Tri-clamp® connection standard
<b>Temperature Range:</b>	-58°F to 390°F (-50°C to 200°C)
<b>Leadwires:</b>	AWG22, teflon® insulated standard
<b>Insulation Resistance:</b>	100 megohms minimum at 500VDC
<b>Accuracy:</b>	0°C (32F) ±0.12%
<b>Transmitter:</b>	Ceramic

### Option Suffix:

- Other stem lengths and configurations are available upon request
- 4-20mA Transmitter.



# 3A Sanitary RTD

## How to order: Specify product code and optional transmitter

example: RTD sanitary sensor, 2" Tri-Clamp, polypropylene head, 6" long probe = #ET12060.

## PRODUCT CODES

Tri-Clamp®	1½"		2"		2½"		3"	
Head Material	Polypro	St/St	Polypro	St/St	Polypro	St/St	Polypro	St/St
2½" stem	ET11525	ET21525	ET12025	ET22025	ET12525	ET22525	ET13025	ET23025
4" stem	ET11540	ET21540	ET12040	ET22040	ET12540	ET22540	ET13040	ET23040
6" stem	ET11560	ET21560	ET12060	ET22060	ET12560	ET22560	ET13060	ET23060

## OUTPUT OPTIONS Please add output options (if transmitter is required) to product code.

Available Ranges			
F only	Code #	C Only	Code #
-40/120°F	B14	-80/50°C	B26
-40/160°F	B15	-50/50°C	B27
0/140°F	B16	0/50°C	B28
0/200°F	B17	-50/100°C	B29
20/240°F	B18	0/100°C	B30
0/250°F	B19	-20/120°C	B31
50/300°F	B20	0/150°C	B32
50/400°F	B21	0/200°C	B33
50/550°F	B22	0/300°C	B34
150 / 7500F	B23	0/450°C	B35
0/800°F	B24	100/550°C**	B36
200/1000°F**	B25**		

## Options Suffix:

- A005 = Cast aluminum head (NEMA 4X)
- A006 = Stainless Steel head (NEMA 4X)
- Other stem lengths and configurations are available upon request.
- 4-20mA temperature transmitter installed and calibrated: add the temperature range as a suffix to the product code. (eg. ET12060 0/100°F).

