

CCE COORDINATION BULLETIN

BULLETIN NUMBER 2011-1:


MODEL NUMBER DESIGNATIONS ACCEPTABLE FOR TPV EVALUATIONS

The following guidance shall be used by the CCEs when performing TPV evaluations. This guidance is effective immediately upon receipt and shall be used until revoked or included in an up-date of the *TPV Manual*.

Model numbers may be important to the industry as they may contain multiple codes necessary to identify a specific configuration of the particular unit. Much of this information may be operational and not pertain to the sanitary aspects of the unit. Model numbers are necessary to 3-A SSI for proper identification of units eligible for inclusion on a 3-A Symbol Authorization; and to regulatory inspectors and CCEs to assure that a particular unit can be identified.

CCEs are to follow the following guidance:

1. All equipment presented for a TPV inspection; except optionally for fittings, sanitary tubing, and gaskets; shall bear a model number which identifies the unit and is suitable for listing on the 3-A Symbol Authorization certificate. The model number may denote a single one-of-a-kind or custom fabricated unit, or a series of units with the same sanitary design features. The model number shall be such that it will allow a third party reader to verify that a specific unit is authorized to bear a 3-A Symbol.
2. Model numbers that are intended to convey multiple data items (inlet/outlet sizes, electrical connections, fitting styles, temperature limits, scaling up or down in size or capacity, etc.) to the applicant and the user shall have an identifiable code sequence that is unique to the basic sanitary design presented for evaluation. See the example on the next page.



Authorized
74-01

Maximum temperature limit: 400°F (204°C)

EXAMPLE ORDER NUMBER: R5T185L483 - 04 - CIP - 2 - 5 - 63

1-1 PLATINUM RTD ASSEMBLIES

ORDER CODE	TEMP. COEF.	ACCURACY @ 0° C	OHMS VALUE
SINGLE			
R1T185L48	.00385	± .1%	100
R3T185L48	.00385	± .03%	100
R5T185L48	.00385	± .01%	100
R1T192L48	.00392	± .1%	100
R3T192L48	.00392	± .03%	100
DUPLEX			
R1T285L48	.00385	± .1%	100
R3T285L48	.00385	± .03%	100
R5T285L48	.00385	± .01%	100
R1T292L48	.00392	± .1%	100
R3T292L48	.00392	± .03%	100

THERMOCOUPLE ASSEMBLIES
For CIP thermocouple assemblies use TIC types J, K, T, or E and options G for grounded junction or U for ungrounded junction as per example. EXAMPLE: T48G-04 - CIP - 2 - 5 - 63

4 OPTIONS

ORDER CODE	DESCRIPTION
31W	White epoxy coated aluminum head
63	White polypropylene head
91	Stainless steel head
0	Supplied w/o head w/6" teflon leads
T	Integral head mounted transmitter (See pages INS-1, 2, 3, or 4)
I	Stainless steel tags
HS	Head supplied with wire seal security screws

3 SANITARY CAP STYLE

ORDER CODE	DESCRIPTION
1	16A cap - bevel seat
2	16A cap - bevel seat with 13-H nut
3	16APV cap
4	16APV cap with 13-H nut
5	16 AMP cap - Tri Clamp
6	3A4 adaptor (.50" OD support tube)
7	16AI-14I cap
8	Other (describe)

See page FD-1 for cap illustrations

2 SANITARY CAP SIZE

ORDER CODE	TUBE OD	ORDER CODE	TUBE OD
1	1(1/2)Inches	4	3 Inches
2	2 Inches	5	Other (Specify)
3	2(1/2)Inches	6	3A4 adaptor only

1-2 IMMERSION LENGTH "X"

Specify "X" Length in Inches
Using 2 Digits,
Plus any
Fractional Length Desired

Examples: 04 = 4", 05(1/2) =

In this illustration the portion of the code that has 3-A sanitary significance is the sequence "CIP-2-5". Therefore, for the purposes of a TPV inspection, the model number can be recorded as:

Unrelated Code Unrelated Code CIP – X – X Unrelated Code

The applicant would then identify all numbers or letters represented by the "X"s that are covered by the TPV. The applicant shall also submit a master key, similar to the example shown above, as part of their application for authorization to display a 3-A Symbol.

3. All of the evaluated model numbers, as specified by the applicant, shall be listed on the TPV report and be listed on the 3-A Symbol Authorization for reference.