TEL-TRU® TEMPERATURE SOLUTIONS

RTD PROBE PART NUMBER CONFIGURATOR

INDUSTRIAL RTD PROBE ASSEMBLIES

For sanitary configurations, start on page 4

HOW TO ORDER EXAMPLE:

Model NPAA3, 0.250" probe diameter, 4" length, 1/2" NPT connection, -60/500°F Temperature range, Strain relief with 10' cable, no transmitter

N	P	A	A	3	2	0	4	A	1	0	1	B	1	0	0	0

MODEL:

N Industrial RTD probe assembly

BASE CONFIGURATION:

PAA3	No connection head	(continue on this page)
PAA3	With connection head	(go to page 2)
TAA3	With built-in programmable	(go to page 3)

PROBE DIAMETER:

2 0.250"

PROBE LENGTH:

02 2-1/2"
04 4"
06 6"
09 9"
12 12"

PROCESS CONNECTION:

A1 1/2" NPT
A2 1/4" NPT

TEMPERATURE RANGE:

01 -60/500°F (-50/260°C) (factory configured)

TERMINATION:

C06 1/2" NPT with 6" leads
E00 M-12 conn. without mate
AXX M-12 w/ mating conn. w/ xx' cable
BXX Strain relief w/ XX' cable

TRANSMITTER:

00 None

Optional Additional Items *(order separately)*	
10000003-RTD	Calibration Cert. with readings (3 pts. Low/Med/High)

CUSTOM OPTIONS AVAILABLE UPON REQUEST

For custom options, please contact us at:
customerservice@teltru.com or **1-800-232-5335**

TEL-TRU® TEMPERATURE SOLUTIONS

RTD PROBE PART NUMBER CONFIGURATOR

INDUSTRIAL RTD PROBE ASSEMBLIES WITH CONNECTION HEAD

HOW TO ORDER EXAMPLE:

Model NPAA3, 0.250" probe diameter, 9" length, 1/4" NPT connection, 0/250°F Temperature range, 316 SS Connection head, RTD transmitter T/C, 4-20mA (XTRC-1220)

N	P	A	A	3	2	0	9	A	2	6	7	D	0	2	C	2

MODEL:
N Industrial RTD probe assembly

BASE CONFIGURATION:
PAA3 With connection head

PROBE DIAMETER:
2 0.250"

PROBE LENGTH:
02 2-1/2"
04 4"
06 6"
09 9"
12 12"

PROCESS CONNECTION:
A1 1/2" NPT
A2 1/4" NPT

TEMPERATURE RANGE:
A1 -60/500°F (-50/260°C) (factory configured)
Only available for Transmitter options 00 or A1
For Transmitter options C1, C2, C3, and C4, please choose from the list below.

Code	Range °F	Code	Range °C
52	-50/120	71	-50/100
53	-40/160	72	-50/25
54	0/140	73	-50/50
55	0/180	84	-40/70
50	0/200	86	-20/120
56	0/220	74	-10/110
67	0/250	75	0/50
57	0/300	95	0/60
59	20/240	EI	0/80
60	25/125	76	0/100
61	50/250	77	0/150
62	50/300	78	0/200
63	50/400		
58	0/500		

TERMINATION:
D01 Conn. Head - White Polypropylene (FDA app.)
D02 Conn. Head - 316 SS
D03 Conn. Head - Cast Aluminum

TRANSMITTER:
00 None
A1 Term. block - ceramic 3-pole w/ center hole
C1 3W RTD, 4-20mA (XTRC-1202)
C2 RTD, T/C, 4-20mA (XTRC-1220)
C3 RTD, T/C, ohm, mV, 4-20mA (XTRC-1330)
C4 RTD, T/C, ohm, mV, 4-20mA, HART® (XTRC-1530)

Optional Additional Items *(order separately)*	
10000003-RTD	Calibration Cert. with readings (3 pts. Low/Med/High)

HART® is a registered trademark of HART Communications Foundation.

CUSTOM OPTIONS AVAILABLE UPON REQUEST
For custom options, please contact us at:
customerservice@teltru.com or **1-800-232-5335**

TEL-TRU® TEMPERATURE SOLUTIONS

RTD PROBE PART NUMBER CONFIGURATOR

INDUSTRIAL RTD PROBE ASSEMBLIES WITH COMPACT TRANSMITTER

HOW TO ORDER EXAMPLE:

Model NTAA3, 0.250" probe diameter, 15" length, 1/2" NPT connection, 0/100°C Temperature range, M-12 connection without mate, Built-in programmable transmitter

N	T	A	A	3	2	1	5	A	1	7	6	E	0	0	Z	1

MODEL:
N Industrial RTD probe assembly

BASE CONFIGURATION:
TAA3 With Built-in programmable microprocessor based transmitter

PROBE DIAMETER:
2 0.250"

PROBE LENGTH:
02 2-1/2"
04 4"
06 6"
09 9"
12 12"
15 15"
18 18"

PROCESS CONNECTION:
A1 1/2" NPT
A2 1/4" NPT

TEMPERATURE RANGE:

Code	Range °F	Code	Range °C
52	-50/120	71	-50/100
53	-40/160	72	-50/25
54	0/140	73	-50/50
55	0/180	84	-40/70
50	0/200	86	-20/120
56	0/220	74	-10/110
67	0/250	75	0/50
57	0/300	95	0/60
59	20/240	EI	0/80
60	25/125	76	0/100
61	50/250	77	0/150
62	50/300		

TERMINATION:
E00 M-12 conn. without mate
AXX M-12 w/mating conn. w/XX' cable

TRANSMITTER:
Z1 Built-in Programmable

Optional Additional Items *(order separately)*	
10000003-RTD	Calibration Cert. with readings (3 pts. Low/Med/High)

CUSTOM OPTIONS AVAILABLE UPON REQUEST
For custom options, please contact us at:
customerservice@teltru.com or 1-800-232-5335

TEL-TRU® TEMPERATURE SOLUTIONS

RTD PROBE PART NUMBER CONFIGURATOR

SANITARY RTD PROBE ASSEMBLIES

HOW TO ORDER EXAMPLE:

Model SPAA3, 0.250" probe diameter, 4" length, 2" Tri-Clamp process connection, -60/500°F Temperature range, Strain relief with 10' cable, no transmitter

S	P	A	A	3	2	0	4	2	0	0	1	B	1	0	0	0

MODEL:

S Sanitary RTD probe assembly

BASE CONFIGURATION:

PAA3 No connection head (continue on this page)
PAA3 With connection head (go to page 5)
TAA3 With built-in programmable microprocessor based transmitter (go to page 6)

PROBE DIAMETER:

2 0.250"

PROBE LENGTH:

02 2-1/2"
04 4"
06 6"
09 9"
12 12"

PROCESS CONNECTION:

05 Tri-Clamp 1/2" and 3/4"
10 Tri-Clamp 1" and 1-1/2"
20 Tri-Clamp 2"
25 Tri-Clamp 2-1/2"

TEMPERATURE RANGE:

01 -60/500°F (-50/260°C)

TERMINATION:

C06 1/2" NPT with 6" leads
E00 M-12 conn. without mate
AXX M-12 w/mating conn. w/XX' cable
BXX Strain relief w/XX' cable

TRANSMITTER:

00 None

A® 3
74-07

Optional Additional Items (order separately)	
10000003-RTD	Calibration Cert. with readings (3 pts. Low/Med/High)

CUSTOM OPTIONS AVAILABLE UPON REQUEST
For custom options, please contact us at:
customerservice@teltru.com or 1-800-232-5335

TEL-TRU® TEMPERATURE SOLUTIONS

RTD PROBE PART NUMBER CONFIGURATOR

SANITARY RTD PROBE ASSEMBLIES WITH CONNECTION HEAD

HOW TO ORDER EXAMPLE:

Model SPAA3, 0.250" probe diameter, 9" length, 2" Tri-Clamp process connection, 0/250°F Temperature range, 316 SS Connection head, RTD transmitter T/C, 4-20mA (XTRC-1220)

S	P	A	A	3	2	0	9	2	0	6	7	D	0	2	C	2

MODEL:
S Sanitary RTD probe assembly

BASE CONFIGURATION:
PAA3 With connection head

PROBE DIAMETER:
2 0.250"

PROBE LENGTH:
02 2-1/2"
04 4"
06 6"
09 9"
12 12"

PROCESS CONNECTION:
05 Tri-Clamp 1/2" and 3/4"
10 Tri-Clamp 1" and 1-1/2"
20 Tri-Clamp 2"
25 Tri-Clamp 2-1/2"

TEMPERATURE RANGE:
A1 -60/500°F (-50/260°C) (factory configured)
Only available for Transmitter options 00 or A1
For Transmitter options C1, C2, C3, and C4, please choose from the list below.

Code	Range °F	Code	Range °C
52	-50/120	71	-50/100
53	-40/160	72	-50/25
54	0/140	73	-50/50
55	0/180	84	-40/70
50	0/200	86	-20/120
56	0/220	74	-10/110
67	0/250	75	0/50
57	0/300	95	0/60
59	20/240	El	0/80
60	25/125	76	0/100
61	50/250	77	0/150
62	50/300	78	0/200
63	50/400		
58	0/500		

TERMINATION:
D01 Conn. Head - White Polypropylene (FDA app.)
D02 Conn. Head - 316 SS
D03 Conn. Head - Cast Aluminum

TRANSMITTER:
00 None
A1 Term. block - ceramic, 3-pole w/ center hole
C1 3W RTD, 4-20mA (XTRC-1202)
C2 RTD, T/C, 4-20mA (XTRC-1220)
C3 RTD, T/C, ohm, mV, 4-20mA (XTRC-1330)
C4 RTD, T/C, ohm, mV, 4-20mA, HART® (XTRC-1530)

A3® 74-07

Optional Additional Items *(order separately)*	
10000003-RTD	Calibration Cert. with readings (3 pts. Low/Med/High)

CUSTOM OPTIONS AVAILABLE UPON REQUEST
For custom options, please contact us at:
customerservice@teltru.com or 1-800-232-5335

TEL-TRU® TEMPERATURE SOLUTIONS

RTD PROBE PART NUMBER CONFIGURATOR

SANITARY RTD PROBE ASSEMBLIES WITH COMPACT TRANSMITTER

HOW TO ORDER EXAMPLE:

Model STAA3, 0.250" probe diameter, 15" length, 3/4" Tri-Clamp process connection, 0/100°C Temperature range, M-12 connection without mate, Built-in programmable transmitter

S	T	A	A	3	2	1	5	0	5	7	6	E	0	0	Z	1

MODEL:
S Sanitary RTD probe assembly

BASE CONFIGURATION:
TAA3 With Built-in programmable microprocessor based transmitter

PROBE DIAMETER:
2 0.250"

PROBE LENGTH:
02 2-1/2"
04 4"
06 6"
09 9"
12 12"
15 15"
18 18"

PROCESS CONNECTION:
05 Tri-Clamp 1/2" and 3/4"
10 Tri-Clamp 1" and 1-1/2"
20 Tri-Clamp 2"
25 Tri-Clamp 2-1/2"

TEMPERATURE RANGE:

Code	Range °F	Code	Range °C
52	-50/120	71	-50/100
53	-40/160	72	-50/25
54	0/140	73	-50/50
55	0/180	84	-40/70
50	0/200	86	-20/120
56	0/220	74	-10/110
67	0/250	75	0/50
57	0/300	95	0/60
59	20/240	EI	0/80
60	25/125	76	0/100
61	50/250	77	0/150
62	50/300		

TERMINATION:
E00 M-12 conn. without mate
AXX M-12 w/mating conn. w/XX' cable

TRANSMITTER:
Z1 Built-in Programmable

3-A® 74-07

Optional Additional Items (order separately)	
10000003-RTD	Calibration Cert. with readings (3 pts. Low/Med/High)

CUSTOM OPTIONS AVAILABLE UPON REQUEST
For custom options, please contact us at:
customerservice@teltru.com or 1-800-232-5335