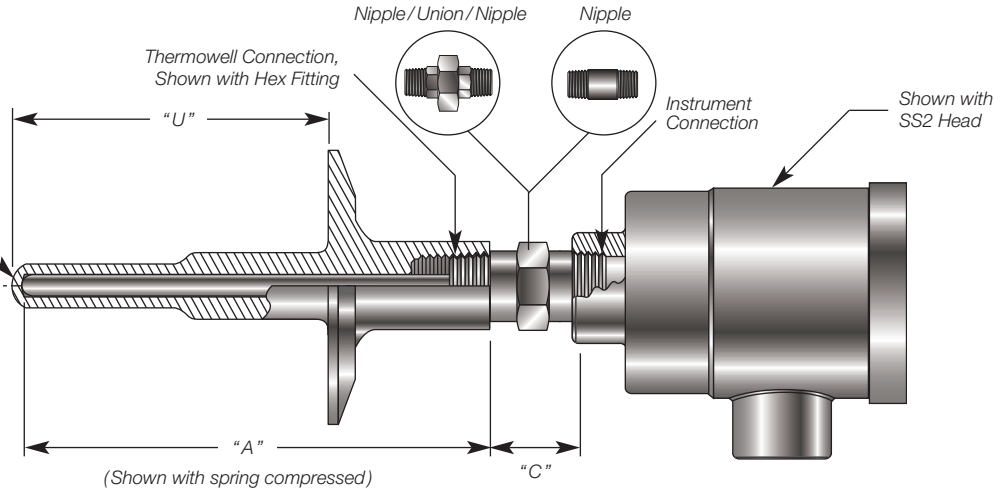


RS85

Sanitary RTD w/Connection Head
Spring Loaded Probe for Sanitary Thermowell



Sanitary Thermowell
ordered separately



Custom Builder

MODEL 1 2 3 4 5 6 7 8 9 10 11 12

RS85 - [] - [] - [] - [] - [] - [] - [] - [] - [] - [] - [] - [] - 0

BOX1 CODE	Temperature Range
L	Low Temp. -50 to 200°C
M	Med. Temp. -50 to 400°C

BOX2 CODE	Element Type
P	100 Ω @ 0°C, α = 0.00385 DIN EN 60751

Other elements available. Consult factory.

BOX3 CODE	Element Tolerance
1	±0.12% (±0.3°C) @ 0°C, Class B
2	±0.06% (±0.15°C) @ 0°C, Class A
3	±0.04% (±0.1°C) @ 0°C, Class AA

Other tolerances available. Consult factory.

BOX4 CODE	Output RTD Circuit Type
S2	Single, 2 wire
S3	Single, 3 wire
S4	Single, 4 wire
D2	Dual, 2 wire
D3	Dual, 3 wire
BOX4 CODE	Output Transmitter Type (Installed)
TA	Model RT810, 4-20mA
TB	Model RT820, 4-20mA
TX	Other, specify model type

Specify temp. range at the end of part number.
Ex.: RS85-L-P-2-TA...SF, (0/100 °C)
Model RT810 transmitter, range 0/100 °C

BOX5 CODE	Probe Diameter "D"
D	1/4"
6	6mm (0.236")

BOX6 CODE	Probe Material
S	Stainless steel 316/316L

Other materials available. Consult factory.

BOX7 CODE	Probe Length "A"
---	In 0.1" increments Ex.: 065 = 6.5" long Ex.: 120 = 12" long

BOX8 CODE	Extension Type & Length "C"
H --	Hex fitting, C=1" only (Ex.: H10)
N --	Nipple, C=2" std. (Ex.: N20)
U --	Nipple/Union/Nipple C=3" min. & std. (Ex.: U30)

Dim. "C" in 0.1 inch increments.

BOX9 CODE	Instrument Connection
EN	1/2" NPT male
EE*	1/2" NPS male

* Code EE is standard when ordering with a head.

BOX10 CODE	Thermowell Connection Fitting Type/Size
EN	1/2" NPT male (std.)
FN	3/4" NPT male
FE	1/2" NPS male
PA	1"-20 male thread
UA	1-1/4"-18 male thread

BOX11 CODE	Head/Termination
0	No head, supplied with 6" single Teflon® leads
PO*	White polypropylene screw cover, meets NEMA 4X/IP65 requirements
BA2	Bakelite screw cover, meets NEMA 4X/IP65 requirements
SS2	Machined & polished stainless steel 316/316L screw cover, meets NEMA 4X/IP66 requirements
CS*	Cast stainless steel 316 screw cover, meets NEMA 4X/IP66 requirements
CX*	Cast stainless steel, explosion proof, CSA, FM Approval Class I, Div. 1, Gps. B, C & D Class II, Div. 1, Gps. E, F & G, NEMA 4X

*2 = 1/2" NPT Conduit *3 = 3/4" NPT Conduit