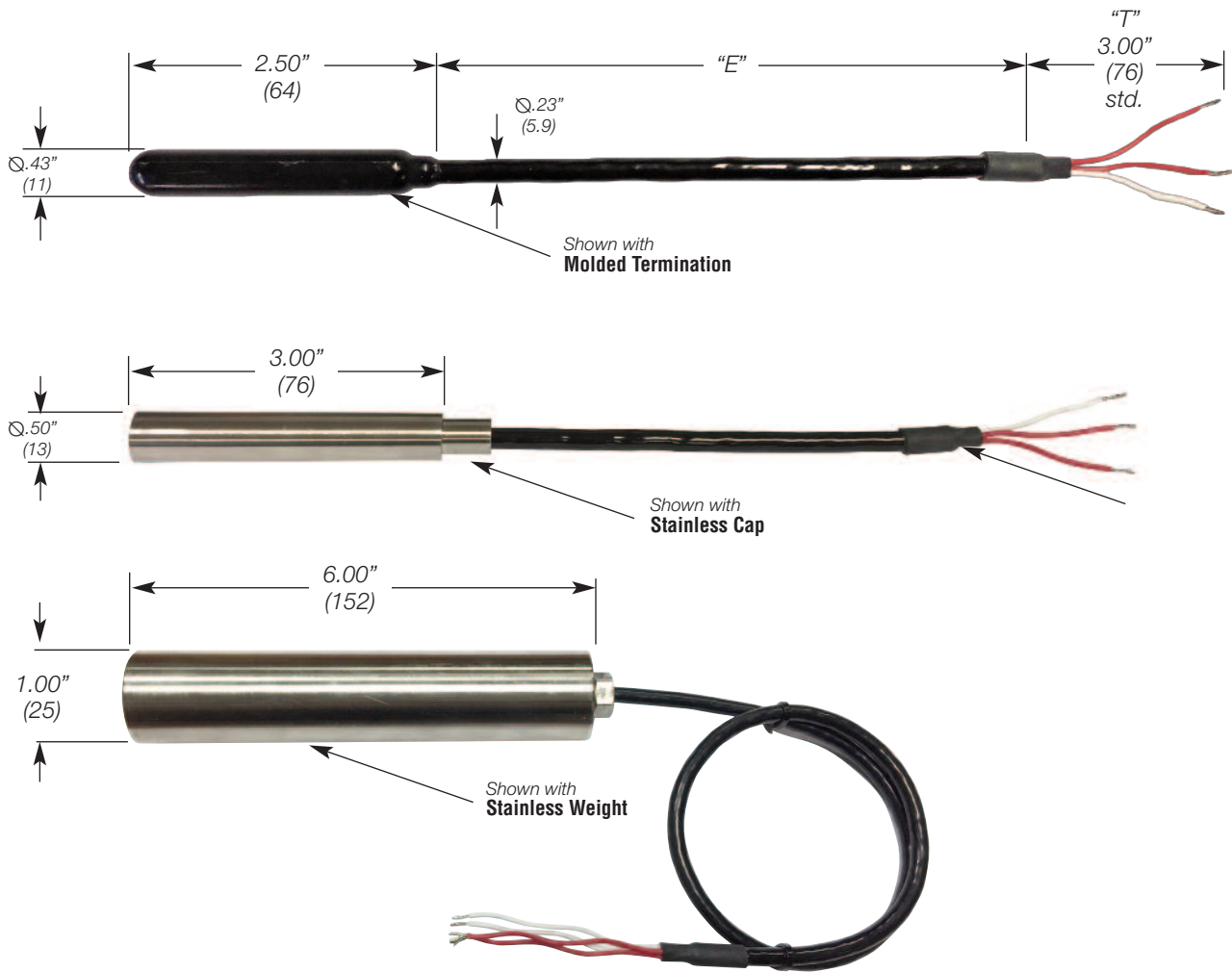


RTD R452 Heavy Duty

Submersible Temperature Sensor
Molded Polyurethane Extension Cable



Features

- One-piece very heavy duty molded construction
- Tough Polyurethane submersible probe and cable
- Various RTD elements available
- Adjustable fittings available
- OEM custom designs available

Description

This rugged submersible RTD probe is compact, low cost and ideal for OEM applications. Cable and probe are of one piece molded Polyurethane construction thus completely sealed. It is made available with various temperature elements and accessories.

Stocked items

Model Number	Inventory Number	Description
R452-L-P-2-S3-A-0-PU-AA-E-XXX*-N	531-004-XXX	Probe w/100Ω @ 0°C, α = 0.00385, 3-wire, Class A, specify cable length
R452-L-T-1-S3-A-0-PU-AA-E-XXX*-N	531-005-XXX	Probe w/1000Ω @ 0°C, α = 0.00385, 3-wire, Class B, specify cable length

-*Cable length "F": F-012 for 12 ft F-024 for 24 ft F-036 for 30 ft F-050 for 50 ft F-075 for 75 ft F-100 for 100 ft

RTD R452 Heavy Duty

Submersible Temperature Sensor
Polyurethane Extension Cable



Custom Builder

MODEL 1 2 3 4 5 6 7 8 9

R452 - - - - - - - - - - -

BOX 1 CODE	Temperature Range
A	Low temperature -20 to 100°C (-4/212°F)

BOX 2 CODE	Element Type
P	100Ω @ 0°C, α = 0.00385 DIN EN 60751
T	1000Ω @ 0°C, α = 0.00385 DIN EN 60751

Other elements available. Consult factory.

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

Other tolerances available. Consult factory.

BOX 4 CODE	RTD Circuit Type
S2	Single, 2 wire
S3	Single, 3 wire
S4	Single, 4 wire

BOX 5 CODE	Probe Termination
A	Molded Cable Termination, std.
B	With protective stainless steel cap
C	With stainless steel weight, Ø1.00"

Other Probe Terminations available. Consult factory.

BOX 6 CODE	Cable Termination "T"
AA	Stripped and tinned, 3"
BB	Spade terminal, #6
ME	Field attachable connector M12 male straight, 4-pole

Other terminations available. Consult factory.
Also see "Leadwire /Extension Cable Terminations" page.

BOX 7 CODE	Extension Cable Type
PU	Polyurethane jacket, stranded cond. 100°C (212°F) max.

BOX 8 CODE	Measuring Units
F	In Feet
M	In Meters

BOX 9 CODE	Extension Cable Length "E"
---	In feet Ex.: 065 = 65 ft long
---	In meters Ex.: 025 = 25 M long