

ABB MEASUREMENT & ANALYTICS | DATA SHEET

RTD stainless steel probe assembly

Upstream accessories

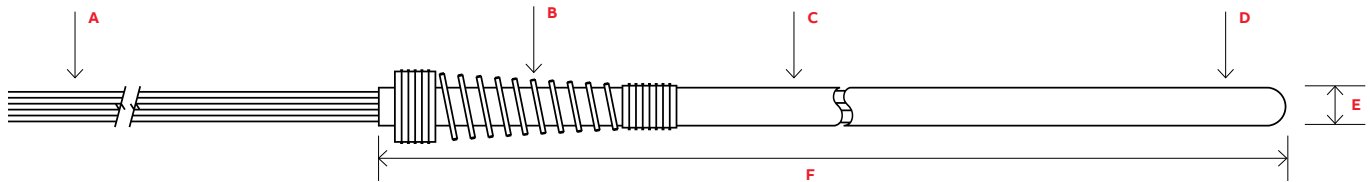


RTD stainless steel probe assembly

Upstream accessories

- Spring-loaded action ensures proper contact with the tip of the thermowell for maximum heat transfer
- Class 1 Division 2 or Class 1 Division 1 applications
- Stainless-steel braided or Armored 4-wire lead
- Union-length up to 10 inches
- Standard and explosion-proof configurations

Standard probe



A Lead wires
4-wire (Complete compensation)

B Compensation spring

C Temperature range
500 °F maximum

D 100 Ohm Platinum, .00385055 TCR, 100 ohms @ 0 °C

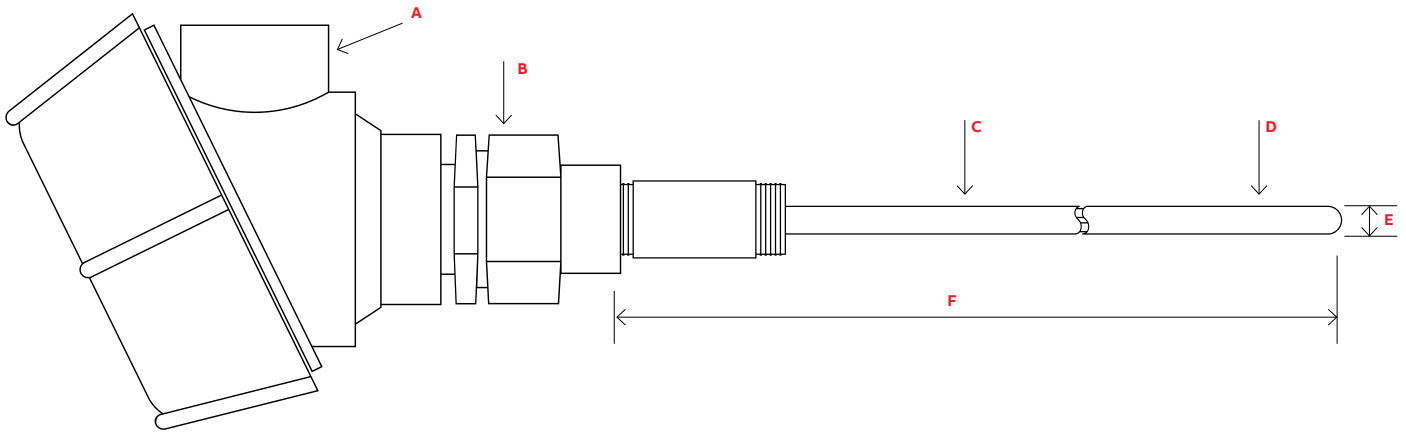
E Sheath diameter
0.25" (¼")

F Sheath length
10"

Specifications

Part number	Cable material	Lead wire length
2011905-011	Stainless steel Armored	15 foot
2011905-012	Stainless steel Armored	25 foot
2011905-013	Stainless steel Armored	30 foot
2011905-014	Stainless steel Armored	40 foot
2011905-015	Stainless steel Armored	50 foot
2011905-016	Stainless steel Armored	10 foot
2011905-021	Stainless steel Braided	15 foot
2011905-022	Stainless steel Braided	25 foot
2011905-023	Stainless steel Braided	30 foot
2011905-024	Stainless steel Braided	40 foot
2011905-025	Stainless steel Braided	50 foot
2011905-026	Stainless steel Braided	10 foot

Explosion-proof probe



A Connection head

B Conduit union

Union length adjusted per model by adding a pipe nipple

C Temperature range

500 °F maximum

D 100 Ohm Platinum, .00385055 TCR, 100 ohms @ 0 °C

E Sheath diameter

0.25" (1/4")

F Sheath length

10"

Specifications

Only offered without wire leads

Part number	Description	Union length
2101691-020	Explosion-proof Class, I Div 1	2 inches
2101691-025	Explosion-proof Class, I Div 1	2 ½ inches
2101691-030	Explosion-proof Class, I Div 1	3 inches
2101691-040	Explosion-proof Class, I Div 1	4 inches
2101691-050	Explosion-proof Class, I Div 1	5 inches
2101691-060	Explosion-proof Class, I Div 1	6 inches
2101691-070	Explosion-proof Class, I Div 1	7 inches
2101691-080	Explosion-proof Class, I Div 1	8 inches



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