

Platinum RTD Probes

With Standard Plug



PR-13 Series Quick-Disconnect RTD Probes

These durable Pt100 probes feature a BS EN60751:1996 Class A Pt100 element with a stainless steel sheath, terminated with a standard-size 3-pin plug. The standard probes have a rigid stainless steel tube sheath, and an operating range of -30 to 350°C.

These probes are also available with a semi-rigid, mineral-insulated (MI) cable sheath, which may be shaped to suit many applications. The MI sheathed probes have the additional benefit of an extended operating temperature range of -200 to 650°C when ordered with Class B accuracy elements.

Standard construction of either style is 3-wire; for pricing of 2- or 4-wire configurations and 1/3 or 1/10 DIN accuracy elements, contact our Sales Department.

Custom sheath lengths are also available; see the notes below the price table for details on how to order and additional pricing.

IN STOCK FOR FAST DELIVERY!

To Order (Specify Model Number)

Model No.	Operating Range (°C)	Accuracy Tolerance Class**	Sheath Length (mm)†	2 mm Dia. Price	3 mm Dia. Price	6 mm Dia. Price
PR-13-2(*)-150	-30 to 350	A	150	£51.25	£32.25	£31.25
PR-13-2(*)-225	-30 to 350	A	225	52.00	33.00	32.00
PR-13-2(*)-300	-30 to 350	A	300	52.75	33.75	32.75
PR-13-2(*)-450	-30 to 350	A	450	54.25	35.25	34.25
PR-13-2(*)-600	-30 to 350	A	600	55.75	36.75	35.75
PR-13-2(*)-150-MI	-200 to 350	A	150	66.25	47.25	46.25
PR-13-2(*)-225-MI	-200 to 350	A	225	67.00	48.00	47.00
PR-13-2(*)-300-MI	-200 to 350	A	300	67.75	48.75	47.75
PR-13-2(*)-450-MI	-200 to 350	A	450	69.25	50.25	49.25
PR-13-2(*)-600-MI	-200 to 350	A	600	70.75	51.75	50.75
PR-13-2(*)-150-MI-B	-200 to 650	B	150	66.25	47.25	46.25
PR-13-2(*)-225-MI-B	-200 to 650	B	225	67.00	48.00	47.00
PR-13-2(*)-300-MI-B	-200 to 650	B	300	67.75	48.75	47.75
PR-13-2(*)-450-MI-B	-200 to 650	B	450	69.25	50.25	49.25
PR-13-2(*)-600-MI-B	-200 to 650	B	600	70.75	51.75	50.75

* Specify "M20" for 2 mm, "M30" for 3 mm or "M60" for 6 mm, for probe diameter in mm.

** See BS EN60751: 1996 Standard Tolerances table.

† Add £1 per 100 mm for lengths up to 18 m. Add £8 per metre for lengths above 18 m.

Ordering Example: PR-13-2-M60-150, quick disconnect Type PR-13 probe with mating connector, 100 Ω @ 0°C, 6 mm diameter, 150 mm long, £31.25.

BS EN60751: 1996 Standard Tolerances

Temp. in °C	Tolerance			
	Class A		Class B	
	±°C	±Ω	±°C	±Ω
-200	0.55	0.24	1.3	0.56
-100	0.35	0.14	0.8	0.32
0	0.15	0.06	0.3	0.12
100	0.35	0.13	0.8	0.30
200	0.55	0.20	1.3	0.48
300	0.75	0.27	1.8	0.64
400	0.95	0.33	2.3	0.79
500	1.15	0.38	2.8	0.93
600	1.35	0.43	3.3	1.06

Discount Schedule

1 to 10 unitsNet
11 to 24 units5%
25 to 49 units10%
50+ unitsContact Sales

Note: Standard probes conform to the DIN 43760 (European) standard curve (alpha = 0.00385). If probes with the American curve (alpha = 0.003916) are desired, add "A" suffix to the model number and add £5 to the price.

Also Available!

Rugged Metal Handle for PR-13 Probes

HDX-OTP-U-OTP-M
Probe Handle for PR-13

£25
Basic Unit

Rugged metal grip probe handle with retractable cable and 3-prong standard connector, for use with quick-disconnect probes.

For additional RTD handle probes, please see omega.co.uk.



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