



Standard Sensor Probe

Part number format:

Sample PN: SP-1000-P12-D1-L12-2

SP - 1000 - P12 - D1 - L12 - 2

└───┬───┬───┬───┬───┘
A B C D E

Our complete list of RTD Probes is on the next page.



Sensor Configuration:

SP – Sensor Probe

A

Birk PN/RTD Type

1000
1001
1002
1003
1004
1005

B

Length of Probe:

P1 - 1" probe
P6 - 6" probe
P9 - 9" probe
P12 - 12" probe

C

Diameter of Probe

D1 - 0.25"
D2 - 0.1875"

D

Lead Length:

L12 - 12" length
L18 - 18" length
L24 - 24" length
L36 - 36" length

E

Number of Leads

2
3
4

Birk Quality and Accuracy

Birk Sensors provide a cutting edge ability to more accurately measure the output of your application and convert the information to be used for observation. Each RTD from Birk's Sensor line meets the EN60751 Class B Industry tolerance.

All brand or product names are or may be trademarks of, and are used to identify products or services of, their respective owners. Item # PS-SP-A
© 2014 Birk Manufacturing, Inc. www.birkmfg.com 14 Capitol Drive, East Lyme, CT 06333 860.739.4170



Standard Sensor Probe Selection Sheet

Sensor Configuration	BPN	Dimension			Leads			Temperature Range	Resistance
		Length (mm)	Width (mm)	Thickness (mm)	Material	Diameter	Length		
SP	1000	2.3	2	1.3	Silver (Ag)	0.25	10	-200C to 400C	100 ohms @ 0C
SP	1001	2.3	2	1.3	Platinum/Nickel	0.2	10	-200C to 600C	100 ohms @ 0C
SP	1002	1.6	1.2	0.8	Silver (Ag)	0.25	10	-200C to 400C	100 ohms @ 0C
SP	1003	5	2	1.3	Platinum/Nickel	0.2	10	-200C to 600C	1000 ohms @ 0C
SP	1004	1.6	1.2	0.8	Silver (Ag)	0.25	10	-200C to 400C	1000 ohms @ 0C
SP	1005	5	2	1.3	Silver (Ag)	0.25	10	-200C to 400C	1000 ohms @ 0C