



Standard Sensor Element

Part number format:

Sample PN: SE-1000-L12-2

SE - 1000 - L12 - 2
A B C

Our complete list of sensors is listed on the next page.



Sensor Configuration:

SE – Sensor Element

A

Birk PN/RTD Size

1000
1001
1002
1003
1004
1005

C

Number of Leads

2
3
4

B

Lead Length:

L0 - No leads
L12 - 12" length
L18 - 18" length
L24 - 24" length
L36 - 36" length

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.

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Standard Sensor Element Selection Sheet

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