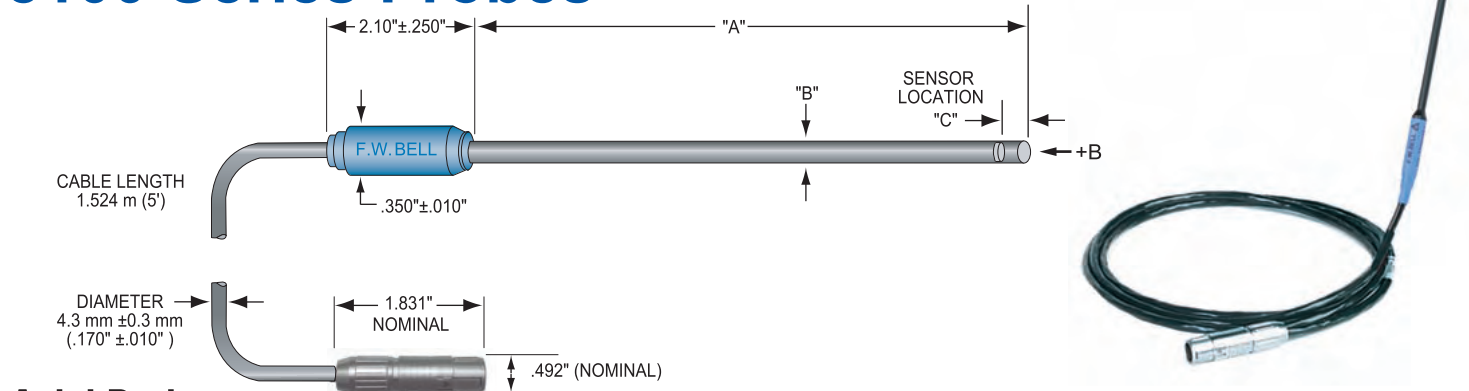
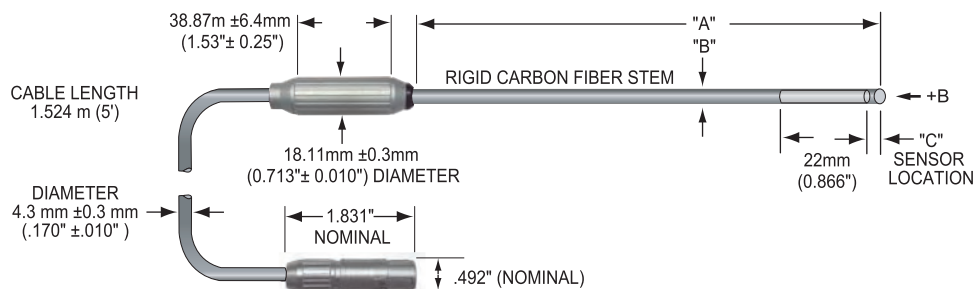


# 5100 Series Probes



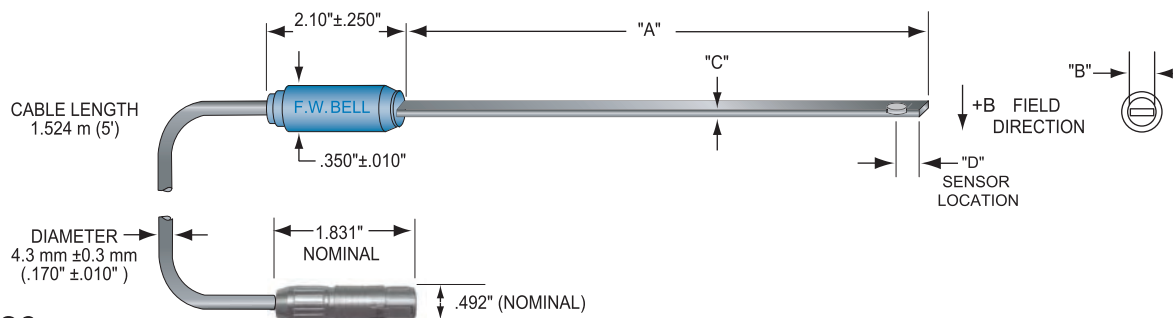
## Axial Probes

| Model      | A<br>±.063" | B                | C                   | Stem<br>Material  | Corrected<br>Linearity | Sensitivity | Active area             | Operating<br>temp. range | Temp. stability (typical) |                  | Frequency<br>Response |
|------------|-------------|------------------|---------------------|-------------------|------------------------|-------------|-------------------------|--------------------------|---------------------------|------------------|-----------------------|
|            |             |                  |                     |                   |                        |             |                         |                          | Zero                      | Calibrate        |                       |
| SAD18-1902 | 2"          | 0.187"<br>±.006" | 0.010"<br>(NOMINAL) | RIGID<br>PHENOLIC | 0.5%/30kG              | 1X          | 0.015"<br>DIA.<br>(NOM) | 0°C<br>to<br>+75°C       | ±0.300<br>Gauss / °C      | -0.05%<br>% / °C | DC to 20kHz           |
| SAD18-1904 | 4"          |                  |                     |                   | 1.0%/20kG              |             |                         |                          |                           |                  | DC to 10kHz           |
| SAH17-1902 | 2"          |                  |                     |                   |                        |             |                         |                          |                           |                  |                       |
| SAH17-1904 | 4"          |                  |                     |                   |                        |             |                         |                          |                           |                  |                       |



## Low Field Axial Probes

| Model      | A<br>±.063" | B              | C                | Stem Material  | Corrected Linearity | Sensitivity | Active area  | Operating temp. range | Temp. stability (typical) |               | Frequency Response |
|------------|-------------|----------------|------------------|----------------|---------------------|-------------|--------------|-----------------------|---------------------------|---------------|--------------------|
|            |             |                |                  |                |                     |             |              |                       | Zero                      | Calibrate     |                    |
| MOS51-3204 | 4"          | 0.285" ±0.006" | 0.050" (NOMINAL) | RIGID PHENOLIC | 0.75%/1G            | 1X          | 0.866" (NOM) | 0°C to +75°C          | ±0.02 mG/°C               | -0.001 % / °C | DC to 750Hz (-3dB) |



## Transverse Probes

| Model      | A<br>±.063" | B                | C                          | D                    | Material                        | Corrected<br>Linearity | Sensitivity | Active area             | Operating<br>temp. range | Temp. stability (typical)         |                             | Frequency<br>Response |                |         |
|------------|-------------|------------------|----------------------------|----------------------|---------------------------------|------------------------|-------------|-------------------------|--------------------------|-----------------------------------|-----------------------------|-----------------------|----------------|---------|
|            |             |                  |                            |                      |                                 |                        |             |                         |                          | Zero                              | Calibrate                   |                       |                |         |
| STD18-0402 | 2"          | 0.150"<br>±.004" | 0.040"<br>+.000"<br>-.004" | 0.0335"<br>(NOMINAL) | G-10<br>RIGID<br>GLASS<br>EPOXY | 0.5%/30kG              | 1X          | 0.015"<br>DIA.<br>(NOM) | 0°C<br>to<br>+75°C       | ±0.300<br>Gauss / °C<br>(typical) | -0.05%<br>/ °C<br>(typical) | DC to 20kHz           |                |         |
| STD18-0404 | 4"          |                  |                            |                      |                                 | 1.0%/20kG              |             |                         |                          |                                   |                             | DC to 10kHz           |                |         |
| STH17-0402 | 2"          |                  |                            |                      | ALUMINUM<br>3003<br>3/4 FH      |                        |             |                         |                          |                                   |                             | DC to 10kHz           |                |         |
| STH17-0404 | 4"          |                  |                            |                      |                                 | DC to 20kHz            |             |                         |                          |                                   |                             |                       |                |         |
| HTH17-0604 | 4"          | 0.180"<br>±.004" | 0.060"<br>+.000"<br>-.004" | 0.030"<br>(NOMINAL)  | 1.0%/20kG                       | 0.025"<br>DIA (NOM.)   |             |                         |                          |                                   |                             | ±0.200<br>Gauss / °C  | -0.1<br>% / °C | DC only |
| HTD18-0604 | 4"          |                  |                            |                      | 0.5%/30kG                       |                        |             |                         |                          |                                   |                             |                       |                |         |
| STB1X-0201 | 1"          | .050"<br>±.005"  | .020"<br>MAX               |                      | KAPTON                          | 1.0%/10kG              |             |                         |                          |                                   |                             |                       |                |         |

**Note:** Due to continuous process improvement, specifications subject to change without notice.