# Tight Spaces No Problem with New 90° Probe Tip

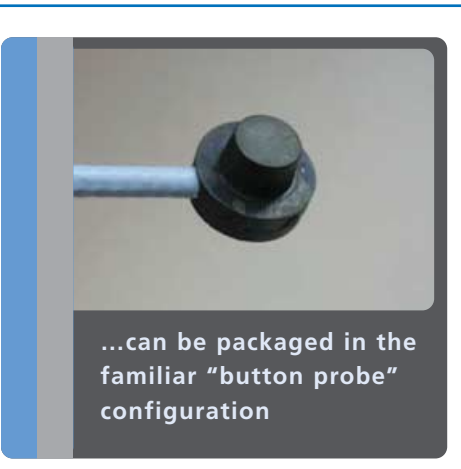
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While we have always been able to deliver solutions for customers requiring right-angle proximity probes to address tight spaces, these solutions often had to be custom engineered using technology that was less robust than our conventional probes. And, the lead times were sometimes quite lengthy. Today, however, we're pleased to announce an all-new 90° assembly that allows us to overcome these limitations while also providing a host of other improvements:

- **Flexible Configuration** – Unlike previous generations of our right-angle probes that were often hand-machined to custom requirements, our new 90° tip assembly is a standard design with much shorter manufacturing lead times. Its configuration allows it to be used in a wider variety of probe cases and geometries, ranging from traditional "button" probes to innovative designs that mount like a conventional probe yet provide a right-angle measurement. The result: you can now get exactly the probe you need for that special application in a fraction of the time previously required.
- **Robust Construction** – A molded polyphenylene sulfide (PPS) and stainless steel tip assembly is substantially more rugged than our all-fiberglass construction. No longer do you have to trade small size for less-robust technology. Go where no probe has gone before!
- **Industry-Standard 80 mil Range and 200 mV/mil Scale Factor** – With an 80 mil linear range and a 200 mV/mil scale factor, you can address not just radial vibration, but most thrust position measurements as well.



Our new 90° tip assembly...



...can be packaged in the familiar "button probe" configuration




- **3300 XL Compatibility** – Our new 90° tip assembly is compatible with Bently Nevada® 3300 XL 8 mm Proximitor® sensors and extension cables, helping you rationalize spare parts requirements with other 3300 XL probes you may be using.
- **Wide Temperature Range** – The new tip assembly is designed to operate in temperature ranges from -51°C to +177°C (-60°F to +350°F), allowing broader temperature extremes than previous technology.
- **FluidLoc® Cables** – Wicking is a common problem with coaxial cable, allowing oil to migrate through the cable from inside your machine to junction boxes, conduit, and other places where it doesn't belong. Our innovative FluidLoc technology seals the cable so wicking cannot occur, and is available as standard with the new 90° tip assemblies.

## Existing Installations

Most applications of right-angle probes use a special probe case and a customized bracket. Sometimes the probe tip is simply packaged in the familiar "button-style" configuration and glued to a mounting surface in the machine. For these applications, the new probe tip is available in a standard button probe package as part number 330232, with a tip height of only 8.4 mm (0.33 inches), designed to replace the majority of older button probe applications. Other times we, or our customers, fabricate customized probe cases and brackets other than "button style." For such applications, we can review your existing design and determine whether the new tip assembly will work for your application. Still other customers will prefer to continue using our all-PPS button probe, part number 330231, which we will continue to supply as a standard part.

Better robustness, flexibility, range, and delivery times make our new 90° tip assembly a welcome improvement for any customer with tight-space mounting limitations.