CTC AppNotes

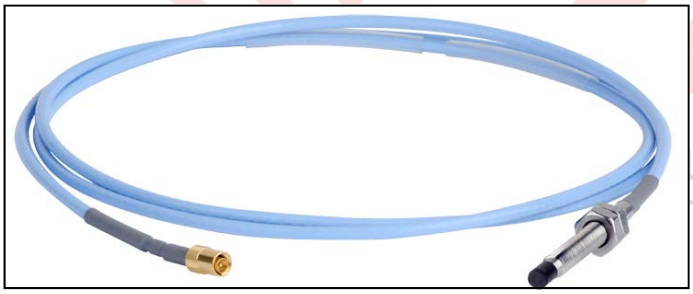
A series of technical documents written by members of the CTC community

PRO Focused Face View Proximity Probes, Cables and Drivers

Standard 8 mm proximity probes require a shaft diameter or target of 2 inches or greater. Many machines such as process gas compressors, centrifugal air compressors and other smaller machines with restricted installation requirements cannot accommodate the standard size Proximity probe. For these situations CTC now has the ability to offer our FFv or Focused face view probes.

New form factor

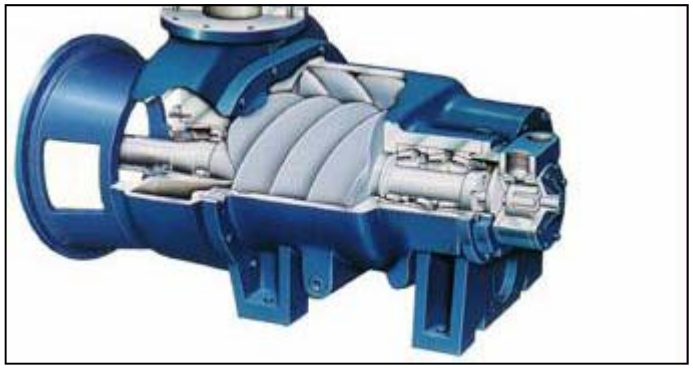
While the overall design and function of the probes do not change, the FFv probes come in a much smaller package. Case sizes of 1 or 2 inches in length are very common and the overall diameter of the cases is 1/4-28 threading or M8 threading on the probe body. This smaller size allows the probes eddy current to be focused on smaller shafts without inducing cross-talk in the mating probe of an X-Y probe pair.



PRO model DP100901 Focused Face view (FFv) probe with one meter integral cable .

Multiple possible uses

FFv probes are also utilized in machines where space to install standard sized probes may not be available. Limited space inside the machine may make the FFv probes, with case lengths as small as 30mm, the probe of choice.



Centrifugal air compressors are frequently monitored by probes with focused eddy current fields.

Warranty

FFv probes carry the full PRO warranty, details can be obtained from our website below. FFv proximity probes cables and drivers can be ordered from our website, www.ctconline.com or from your local CTC distributor.

If you have any questions or for further information please contact CTC directly via Email at dgripe@ctconline.com or jsmith@ctconline.com or feel free to call 1-800-999-5290 in the US and Canada

** Drivers for Focused Face View probes DD100980 are available for 5 meter and 7 meter systems.