

CTC offers the PRO Line **DM90000 Series** reverse mount proximity probe housing assemblies, designed to protect important proximity probe instruments in harsh manufacturing conditions.

Easily adjust the gap between the machine shaft and probe without shutting down a machine.



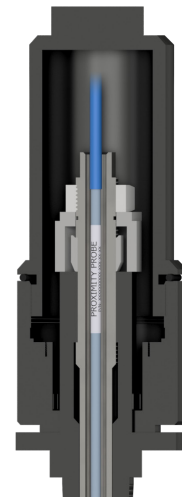
PRO Line reverse mount proximity probe housing assembly allows eddy current probes to be mounted as deeply into machines as 12.2 inches

The DM90000 assemblies has an aluminum body and seal with Viton® O-rings. The 316L stainless steel adjustable probe mounting sleeve is specifically designed to hold up against extremely harsh environments. A crush washer is included to seal the sleeve interior between the reverse mount probe and penetration sleeve. All that is required in the field is to remove a cover to access probe wiring and gap adjustment.

The most important part, the proximity probe itself, threads into the bottom of the adjustable sleeve. Note: the sleeve length is determined at the time of ordering.

Then the sleeve is attached to the base which has been mounted to the exterior of the machine in position for the final monitoring adjustments. The sleeve and probe are then adjusted to meet the proper gap requirements for proper eddy current monitoring of the shaft. After this, the probe cable is fed through and exits through one of the side access holes in the base. Typically, conduit is attached to the housing base at this point.

The upper housing allows room to connect the probe to the extension cable. Excess cable can be coiled around the adjustable sleeve inside the housing cover prior to attaching the upper portion of the housing to the base.



PRO Line reverse mount proximity probe housing assembly interior