

MUD DENSITY IN AND OUT

Mud density is detected by the using the differential pressure method. Datalog has found this method to be as accurate as the gamma ray absorption method, without all the problems associated with nuclear sources and transportation. A plastic shield protects the pressure diaphragms from turbulence in the mud and cuttings. The sensor is temperature compensated and accurate to 10 kg/m^3 in the range $700 - 2500 \text{ kg/m}^3$.

