

ENHANCED MUD FLOW IN AND OUT



If enhanced flow monitoring is required, Datalog can provide highly accurate flow meters to accurately and quickly measure not only the flow, but the delta flow to be able to discriminate minute increases or decreases in the return flow rate. The meters are chosen based on the rig type, geometry and drilling fluid type. All enhanced flow sensors require fluid filled pipe which might require alteration of the flow line. Sensors include ultrasonic which require no welding as the sensors clamp onto the standpipe and flowline. Electromagnetic flow meters are also used when then water based drilling fluid are used. Coriolis can be used when very high accuracy is required.