

DOG-TYPE LOCKOUT AND POSITION INDICATOR ASSEMBLY

ABSTRACT

A connector assembly for connecting two members that allows manual lockdown to prevent accidental disengagement. The connector assembly can be used to connect a tension ring to a housing on a riser by using a lower set of hydraulically actuated dogs. A set of upper hydraulically actuated dogs on the connector assembly can be used to connect the tension ring to a diverter housing mounted on a rig. The connector assembly also has position indicators that ride along with the dogs to indicate whether the dogs are in the engaged or disengaged position.

[Figure.1]