



Electronic Gauge Mandrel

Weatherford's gauge mandrels provide a means for mounting a pressure/temperature gauge on the completion string with the required mechanical protection to ensure reliable operation.

Configurations of the gauge mandrel are available to support above packer and inter-zonal monitoring requirements as well as single or multi-gauge configurations for redundancy or tubing and annulus pressure measurement.

The gauge mandrel supports control-line bypass for applications requiring chemical injection or intelligent well configurations where control lines are required for flow-control valves.

Features, Advantages and Benefits

- Machined from single billet (no welds)
- Full bore access
- Protects full length of gauge; providing mechanical protection
- Gauge-to-mandrel metal-to-metal sealing interface

Specifications

- Designed to API 5CT (burst and collapse pressure calculated per API 5C3)
- Manufactured from alloys compatible with completion design
- Premium threads/connections in compliance with completion design
- Accommodate single or multiple gauges with splitter block assembly
- Manufactured to meet all completion sizes while maintaining full bore ID

