

CCL/Tension Tool (CTT02)

Titan Division | Instruments

Overview

The CCL/Tension Tool (CTT02) is connected below the swivel sub and above TCC (tractor control cartridge). The tool determines the tool depth by measuring the number of casing collars. The tension tool measures the longitudinal force applied on the toolstring, which may be generated by upward stretching and downward compression.

Application

- Avoid breakage of weak point
- Monitor friction of the tool
- Monitor tool stuck condition
- Measure casing collars for depth confirmation

Specifications

Model	CTT02
Cable	Eight-conductor
OD	85.8mm (3 3/8")
Max Working Temperature	175° (347°F)
Max Working Pressure	100MPa (14500 Psi)
Shipping Length	1618mm (63.70")
Make-up Length	1235mm (48.62")
Measuring Point	CCL: 296mm (11.65") Tension: 682mm (26.85")
Weight	About 25Kg (55.12 lbs)
Operating Voltage	Tension: 5VDC CCL: not applied
Operating Current	8mA±1mA
Tension Measurement Range	±21.3KN (±4788.43 lbf)
Repeatability	<2% (Full scale without hysteresis)
Hysteresis	<2% (Full scale)
Temperature Drift	<2% (Full Scale)
Differential Output	46.8mV/V/KN
Thread	3700

