

ALTOS

TECHNOLOGIES

DOWNHOLE INNOVATION

PSST LOGGING TOOL Series Pressure-Temperature-CCL Module

Description

This module (PSST) is used to obtain borehole pressure temperature measurements and detect casing collars (CCL). It can be run in combination with a telemetry module (TSCT) to get real-time readings or with a battery memory module (BMST) if conveyed with non conductive slick line.

Technical specifications	
Pressure sensor type	Piezoresistive (Silicon on Sapphire) (Optional Quartz sensor)
Pressure range	10k psi (700 bar) or 15k psi (1000 bar)
Accuracy	0.05% F.S. (Long Term)
Pressure resolution	0.03 psi (0.002 bar)
Temperature transducer	Platinum
Response time	Ultra fast, less than 2 Seconds (Liquid)
Operating temperature	0-150°C
Temperature resolution	0.001 °C
Temperature accuracy	1 °C
CCL Type	Coaxial coil
Magnets	High magnetism rare earth
CCL Sampling time	HD 60 Samples/Sec
Mechanical specifications	
Diameter	43 mm (1-11/16") 38.1 mm (1-1/2") slim option
Length	650 mm (25.6")
H2S Resistant	YES
H2S Resistant Diaphragm	YES
Communication	CAN Bus, Telemetry and Memory mode ready
Acquisition software	WSS or MemLog PLT (Windows XP/W7/10)

