

PRODUCT INFORMATION:



DESCRIPTION

The High Speed Telemetry Panel (HSTP-C) is specifically designed to be deployed with an existing SDS Warrior surface acquisition system to enable it to acquire data from Owen Production Logging instruments. The panel is powered by the SDS Tool Interface Panel and provides an RS232/USB signal for input to a PC running the Warrior acquisition software.

The HSTP-M (shown above) is designed to be run without the SDS Warrior surface system as it has its own inputs for depth and tension and an independent tool power supply. It is still possible to use the warrior acquisition software with the HSTP-M hardware.

The telemetry decoding is Owen's proprietary High Speed Telemetry interface (HSTI-I) running at a maximum of 50kbaud and transmitted from downhole by a High Speed Telemetry Cartridge (HSTC-D, M, R).

PRODUCT FEATURES:

- > Standard 19" Panel Rack Mount
- > RS232 and USB outputs
- > Fully compatible with Scientific Data Systems / Warrior

PRODUCT APPLICATIONS:

- > Interface panel between Scientific Data Systems / Warrior and Guardian telemetry
- > Production Logging

SPECIFICATIONS - COMMON:

CURRENT (MAX)	1A
PROTOCOL OVERHEAD (TYP)	10%
OUTPUT DATA TO HOST	RS232 / USB 113.2 Kbps
BIT RATE (MAX)	50Kbps (HST-1)
SIGNAL RECOVERY	Analogue / DPS
ERROR DETECTION (HARDWARE)	Yes

SPECIFICATIONS:

	HSTP-C	HSTP-M
PART NUMBER	125-99010	125-99014
SUPPLY VOLTAGE	+5vdc / +/-12vdc (from SDS Tool Interface Panel)	110vac
COMMAND SIGNAL RATE (MIN/MAX)	20 / 50 kbits/sec	20 / 50 kbits/sec
BAUD RATE SPEED CONTROL	Manual	Manual
OUTPUT VOLTAGE (MAX)	SDS Panel Dependant (>200v)	250 vdc
OUTPUT CURRENT (MAX)	SDS Panel Dependant (>1A)	500 mA
HOUSING	1U, 19 in Rack Mount	3U, 19 in Rack Mount
WEIGHT IN AIR	5.5 lbs / 2.5 Kg	14 lbs / 6.4 Kg
TENSION INPUT	No	4-20mA Current Loop
DEPTH INPUT	No	Phase A & B Quadrature
HARDWARE DEPTH SYSTEM	No	Optional
SUPPORTED DEVICES	HSTC-D, HSTC-L, HSTC-M, HSTC-R	HSTC-A, HSTC-L, HSTC-D, HSTC-M