





# Quartz Pressure/CCL Sub (QPCS)

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## OVERVIEW

The combined Quartz Pressure and CCL tool (QPCS) is used both for downhole flowing and shut-in pressure measurement and for casing collars or metal variations detection in the casing and tubing.

## APPLICATION

-  Depth control in casing and tubing
-  Locating of severe casing or tubing damage
-  Data for pressure indication
-  Down-hole pressure gradient measurement.



## SPECIFICATIONS

Parameters	Description	
Model	QPCS-BA	QPCS-CA
OD	35mm (1 3/8")	43mm (1 11/16")
Max Working Temperature	175°C	175°C
Max Working Pressure	103MPa (15,000psi)	103MPa (15,000psi)
Shipping Length	560mm (22.05")	570mm (22.44")
Rig-up Length	465mm (18.31")	475mm (18.7")
Press. Measuring Point	15mm (0.59")	18mm (0.71")
CCL Measuring Point	215mm (8.46")	218mm (8.58")
Cable	Mono-conductor	Mono-conductor
Operating Voltage	14VDC-18VDC (Nor. 17VDC)	14VDC-18VDC (Nor. 17VDC)
Operating Current	35mA±3mA	35mA±3mA
Press. Resolution	0.008psi	0.008psi
Press. Accuracy	0.0002	0.0002
Press. Response Time	1s (for 99.5%)	1s (for 99.5%)
Temp. Accuracy	0.15°C	0.15°C
Temp. Resolution	0.005°C	0.005°C
CCL SNR	>5	>5
Logging Speed	>400 m/h	>400 m/h
Threads	1 3/16 -12 UN-2A(B) GO (female/male)	WRDJ—GoA—1A

