



Quantum QCG 295 capacitive probe



Current Telemetry Gauge System. For use with Liquid Cryogenics (not Helium)

- Liquid level Gauge
- Option for linking into a computer
- Variable probe length to suit all vessels
- Probe design tested to 75 Bar
- Available with KF50 flange
- Easy readable display (0-100%)
- Both Probe unit and local display unit sealed to IP67
- 5m 2 core screened cable
- The QCG295 system consists of:
 - QCG290- probe assembly containing sensor electronics attached by 1.5m cable
 - QLD290- local meter display with 5m cable (connection to 4-20mA loop control unit)
- Designed to monitor the height of liquid in a vessel and to display the level on a panel meter (0 to 100% full).
- Calibrated specifically for a particular cryogenic fluid
- For use with with Liquid Cryogenics (not Helium)
- Supplied with a black plastic protection cap covering the open end of the stainless steel probe to prevent contamination entering the probe during transport.
- Maximum operating current 22mA

- The operation of the QCG295 when properly installed and calibrated is summarised in the table below:

Level of Liquid in vessel	Current flowing in loop mA	Reading on panel meter
Full	20	100
75% full	16	75
50% full	12	50
25% full	8	25
Empty	4	0
Power off	0	Off

PRODUCT SPECIFICATIONS

Probe:	Material Stainless Steel Diameter 8mm (o.d.) Length To suit vessel
Readout:	Analogue Panel Meter scaled 0-100%
Gauge Head Enclosure:	Weatherproof polycarbonate case
Dimensions:	82x90x65 (h.w.d.)
Weight:	0.5kg
Temperature:	Housing 5-40°C Probe -196-40°C
Humidity:	0-90%R.H.
IP Rating:	IP65
Power:	4-20mA loop

Part Number	Details
QCG290	Level Gauge with 10m cable
QLD290	Remote display for QCG290 with 5m cable