

With over 16 years of experience in the field we have become an expert in instrumentation and station installations. QuakeLogic engineers will define with you the best solution and provide a quality service to ensure optimum performance of your monitoring systems.

BOREHOLE SENSOR CABLE AND CONNECTORS

Borehole sensor requires a marine-grade cable with water-tight connectors that can carry the weight of the sensor during installation. At QuakeLogic, we use the best quality cable and submersible connectors. For boreholes up to 100 m in depth,

- Cable and connectors withstand to water pressure down to 100 m (10atm)
- Cable and connectors withstand to borehole sensor weight ~8 kg.

CABLE TECHNICAL SPECIFICATIONS

External diameter: 0.6 inch (15.2 mm)

Conductors: 16 AWG 3 pair wires + 16 AWG 2 wires for +15 V DC and ground

Rohs Compliant and Marine Grade



Figure 1. Sensor cable for borehole instrumentation (LUNITEK Photo)

PINOUT DIAGRAM FOR CONNECTORS

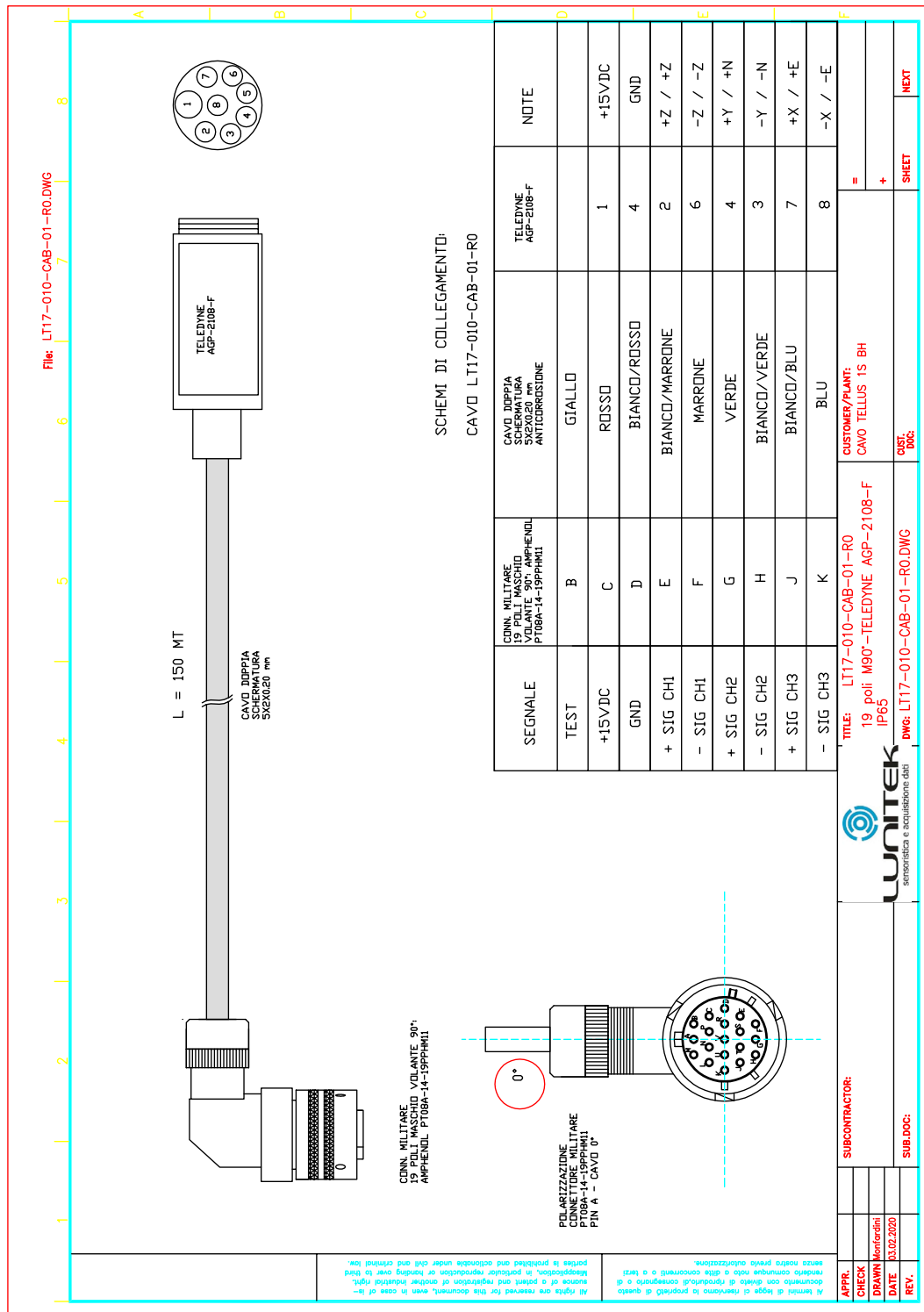


Figure 2. Pinout diagram for borehole sensor from LUNITEK

CONNECTORS

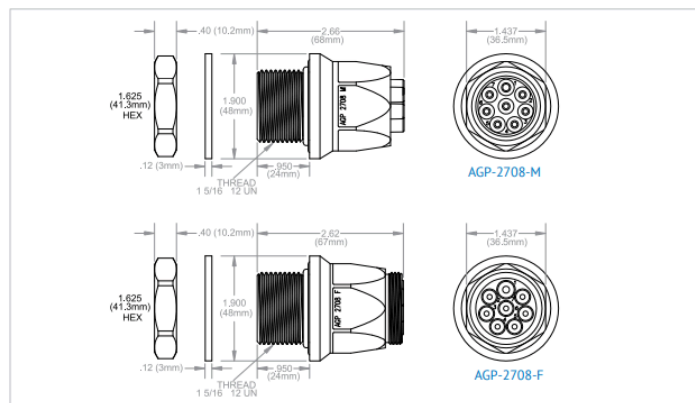
The connectors used are submersible AGP-2708-M + AGP-2108-F.



► 2000 Series

AGP Positive Bulkhead Connectors - 1 5/16" Straight Thread

AGP-2708



► 2000 Series

AGP Positive Inline Connectors - Water Blocked

AGP-2102 • AGP-2104 • AGP-2108

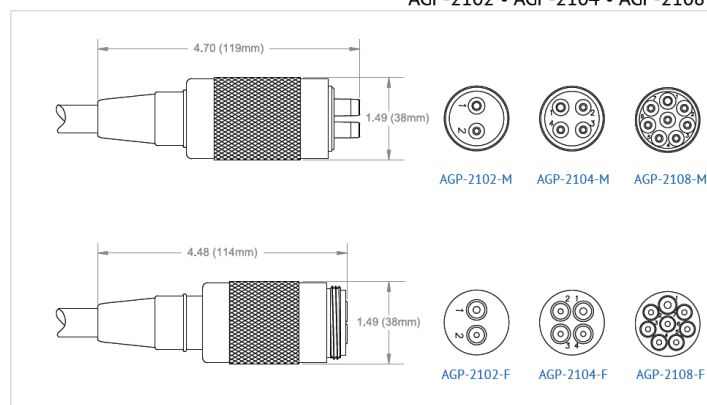


Figure 3. Marine-grade submersible water-tight connectors for borehole sensor