

Designed For Reliability..

DATA ACQUISITION

General

The HyQuest Solutions „HART to SDI-12 Interface“ allows any 4-20mA HART device to be connected to an SDI-12 data logger providing the best accuracy available from the HART protocol. The Hartbeat is available in two models, HBT1 and HBT1 Plus. (See the separate HBT1 bulletin for details).

Features

- Dual SDI-12 and 4-20mA output Interface
- LCD Display
- Robust powder coated aluminium enclosure (IP65)
- User selectable options

Specifications

- Power
 - +10V to +18V DC
 - Reverse polarity protection.
 - LCD off + Backlight off + Hart on @ 4mA = 32mA min
 - LCD on + Backlight on + Hart on @ 20mA = 118mA max

- Hart Interface
 - +16V DC (Even when power source is +10V)
 - Current limited to 30mA - in the event of a short circuit.
 - Uses Hart commands to retrieve info and also set configuration.
 - (Allows connection of external Vega Connect Master by providing +16V DC power and no comms - DIP Sw selection)
- Main SDI: SDI-12 (Conforms to SDI-12 V1.3)
- Extra SDI: Conforms to SDI-12 V1.3
- 4-20mA: As a sensor - Range configurable
- Indicators
 - LED 1 Blue = Hart Comms
 - Red = Battery Low
 - Green = Battery OK
 - LED 2
 - Red = SDI-12 #1 comms
 - LED 3
 - Green = LCD Board comms
- User Selectable Options Internal DIP Switches (refer to instruction manual for details)



MODEL HBT1P

- Connection: Plug-in 6 way screw terminals and Plug-in 3,way screw terminals (refer to instruction manual for details).
- Operating Temperature -40°C to +70°C
- Environmental IP65
- Dimensions 205mm x 100mm x 105mm (L x W x D)



N.B. Specifications are subject to change at any time without notice.

Contact Us

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