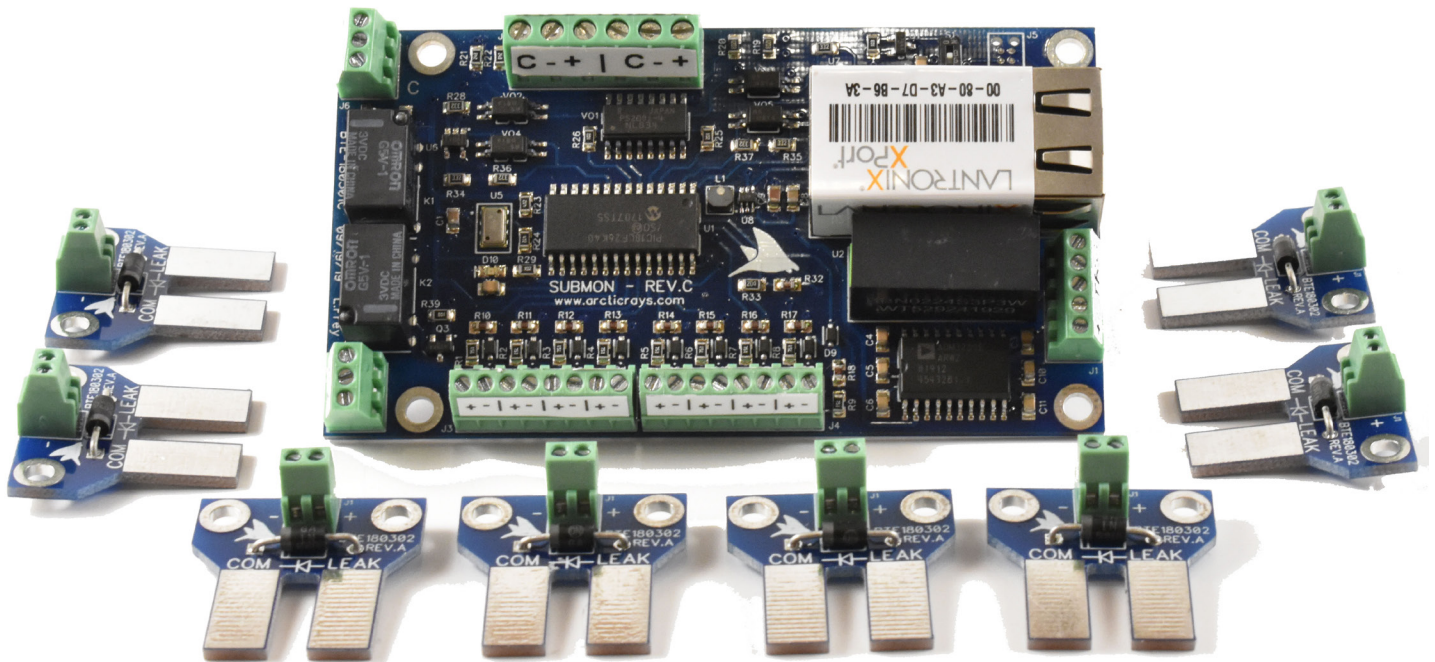


AR402

Submersible Monitoring System



FEATURES

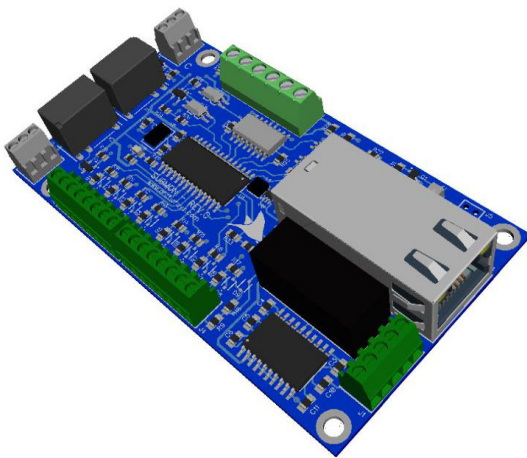
- ▶ Compact, single-board underwater vehicle monitoring system with ground-fault, leak and environmental sensors
- ▶ Ground-fault system monitors both poles of two independent DC busses, up to 350V or four independent DC busses, up to 450V
- ▶ Leak detection system monitors eight remote self-checking water detection probes
- ▶ Integrated onboard barometric pressure, temperature and humidity sensors
- ▶ Two onboard configurable alarm relays
- ▶ Fully electrically isolated
- ▶ Ethernet and RS232 communications

Technical specifications on reverse

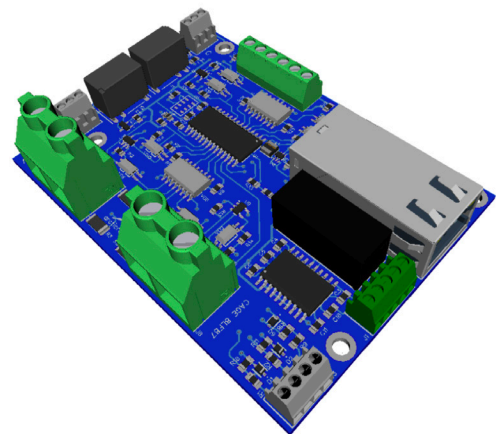
Technical Specs

AR402

PARAMETER	AR402	AR402HV
Input Voltage	8–30VDC	8–30VDC
Current Draw @ 24VDC	70mA (ethernet enabled); 50mA (ethernet disabled)	70mA (ethernet enabled); 50mA (ethernet disabled)
Output	Serial RS232 or Ethernet (both onboard)	Serial RS232 or Ethernet (both onboard)
Ground Fault Measurement	2 channels, each up to 350 VDC max	4 channels, 2 up to 350 VDC max and 2 up to 450 VDC max
Leak Detection Measurements	8 independent self-checking, fail-safe channels	2 independent self-checking, fail-safe channels
Environmental Measurements	Barometric pressure (10–2,000 mBar); Temperature (-40°C–85°C); Humidity (0–100% RH)	Barometric pressure (10–2,000 mBar); Temperature (-40°C–85°C); Humidity (0–100% RH)
Size	90.5mm L x 51mm W x 19mm H	90.5mm L x 65mm W x 19mm H
Operating Temperature	-10°C to 40°C	-10°C to 40°C



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