

## SAFE-AID A400 AMPLIFIER BOARD

### Technical Data Sheet

#### TECHNICAL SPECIFICATIONS

- Single Multi-layered circuit board – 2 layers
- Phoenix Contact Spring Terminals
- 10 – 36VDC Input Voltage
- High Sensitivity Multi Axis Accelerometer (accuracy  $\pm 0.1^\circ$ ) - Temperature compensated
- 2 x Load Cell Input (mV Input)
- 2 x 0 - 5 VDC Inputs (Standard) or 2 x 4-20mA Inputs (Optional)
- 3 Analog Inputs Maximum can be Configured and used Simultaneously
- 1x 4K7 Sensing Input for Anti-2-Block Input (Can be Built as Optional Optically Isolated Digital Input)
- 3 x Optically Isolated Digital Inputs (PNP or NPN User Selectable)
- CAN Bus and/or 2.4Ghz Wireless (Optional) Communication
- USB A port for software upgrade
- Outside Dimensions 220 x 120 x 100mm (L x W x H) excluding gland entries

#### HOUSING

- Mounted in Spring Driven Reeling Drum  
OR
- IP66 Glass Fibre reinforced polyester enclosure
- Cable entry via SKINTOP glands

