

ProbeX

The Probex utilizes a 4-wire, multi-drop power and data bus RS-485 network to communicate with the probes. Utilizing the data bus network eliminates requirements for individual cable runs to and from each tank. The RS-485 network also allows for longer cable runs for more tanks and greater distances. The Probex utilizes a RS-232 network for PC communication.



Features

- ▶ Probe Control Unit & IS Barrier
- ▶ Power supply
- ▶ IS barrier
- ▶ RS232 – RS485 interface unit
- ▶ Easy installation
- ▶ Up to 6 probes
- ▶ Separation of each probe
- ▶ Provide galvanically isolated supply to each probe
- ▶ Compatible with ASIS probes

Technical Specifications

- ▶ Power Supply: 230VAC ($\pm 10\%$), 50Hz, 30VA
- ▶ Dimensions: 275 x 230 x 60 mm
- ▶ Mounting Location: Protected, non-hazardous area
- ▶ Operating Temperature: -20°C to $+70^{\circ}\text{C}$
- ▶ Max. Output Voltage: 9.6V
- ▶ Max. Output Current: 190mA
- ▶ Max. Output Power: 460mW
- ▶ Max. Output Capacitance: 210uF
- ▶ Max. Output Inductance: 9mH

Probe Connection	
Pin Explanation	Cable Color
0V	Black
Data-A	Yellow
Data-B	Orange
9V	Red
Shield	Brown

PC Connection	
Pin Explanation	Cable Color
Ground	Green
RX	Brown
TX	White