

**PRODUCT SPECIFICATIONS DATA SHEET**

**UNIPHOS-500W2  
DUALCHANNEL WALL MOUNTABLE  
CONTROLLER**



**Key Features**

- Microcontroller based system with inbuilt self-test facility
- Two User – Settable alarm set points and one Fault alarm
- Three Relay Contacts Viz for Low alarm, High alarm & Fault alarm conditions
- LED 7-segment display showing the instantaneous gas concentration.
- Compatible with 4-20mA inputs from both two wire and three wire transmitters.
- Relay Inhibit switch
- Reset switch for resetting the alarm LEDs.
- 4-20 mA loop back signal

**ELECTRONICS & ELECTRICAL SPECIFICATIONS**

|                          |  |
|--------------------------|--|
| <b>Display</b>           | 3-digit 7 segment LED display per channel                                    |
| <b>No. of Channels</b>   | 2  |
| <b>Input signal</b>      | Industrial Standard 4-20 mA analog signal                                    |
| <b>Output signal</b>     | 4-20 mA Loop back signal   |
| <b>Alarms</b>            | 3 potential free relays per channels for Low, High and Fault Alarm condition |
| <b>Data Connectivity</b> | Data connectivity option to PC (GUI Optional)                                |
| <b>Input Power</b>       | 110 - 230 V AC $\pm$ 10 %, 50/60 Hz  |
| <b>Output Power</b>      | 24VDC (for transmitters only)  |

**PHYSICAL SPECIFICATIONS**

|                    |  |
|--------------------|--|
| <b>Temperature</b> | 0 to 50 °C   |
| <b>Pressure</b>    | Ambient +/- 10%  |
| <b>Enclosure</b>   | FRP/FLP/Metallic   |
| <b>Weight</b>      | <b>FRP:</b> 6 kg approx.<br><b>FLP:</b> 17 kg approx.<br><b>Metallic:</b> 4.5 kg approx.                                     |
| <b>Dimensions</b>  | <b>FRP:</b> L=300mm, W=175mm, D=350mm<br><b>FLP:</b> L=245mm, W=200mm, D=425mm<br><b>Metallic:</b> L=250mm, W=120mm, D=300mm |