

PRODUCT SPECIFICATION DATA SHEET
UNIPHOS 500DT – 1M
**DIGITAL GAS TRANSMITTER WITH RELAY,
 ANALOG & MODBUS OUTPUT**
KS0000A1

Key Features

Digital Display of Gas name, Range of gas detection, alarm set-point values and the last calibration date on Power ON.
 Swappable Sensor Technology with Non-intrusive calibration
 Sensor Life Tracking
 3 user configurable Relay Contacts

DISPLAY & INDICATOR SPECIFICATIONS

Display	Backlit 8x2 Alphanumeric OLED Display Single tri-color LED indicates various alarms & system status
Magnetic Function Keys	For transmitter configuration & sensor parameter settings

ELECTRONICS & ELECTRICAL SPECIFICATIONS

Electronics	Microprocessor based instrument
Power Supply	12V-30V DC Supply from controller / DCS
Outputs	4-20 mA & RS-485 (MODBUS-RTU Protocol)
Max. Load Resistance	500 Ω

PHYSICAL SPECIFICATIONS

Operating Temperature Range	-20 to +85 Degree Celcius
Operating Pressure	Ambient +/- 10%
Enclosure	Cast Aluminum Alloy/SS-316, Explosion Proof Case, Certified to IP66
Weight	2.5 Kgs/5.2 Kgs
Dimensions	Diameter: 150 mm; Height: 110 mm

CERTIFICATION

Certificate	Electronics enclosed in FLP JB CMRI certified to Ex d IIC T6 Sensor Head CMRI certified to Ex d IIC T6 ATEX & IECEX Certified Ex db IIC T6 Gb (Tamb = -20°C to +40°C) Ex db IIC T5 Gb (Tamb = -20°C to +55°C) Ex db IIC T5 Gb (Tamb = -20°C to +85°C)
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