

On-Line Field Mounted Dissolved Oxygen Indicating Transmitter



DESCRIPTION

MicroSet series are Dissolved Oxygen Indicating Transmitter used for various industrial applications. It can accept input from DO₂ Sensor. The signal is transmitted in the form of electrical 4 to 20 mA signal. The On-Line Indication is provided through LCD. Span/Zero adjustment are easily accessible.

FEATURE

- On-Line measurement
- 2 wire system
- 4 to 20 mA DC output
- Auto Temperature Compensation
- LCD display for On-Line Indication
- Flame Proof, IP-65, IIA, IIB CMRI Certified Housing

SPECIFICATION

Type of Input	: From DO ₂ Sensor
Type of Output	: 4 to 20 mA DC, 2 wire Isolated
Display	: 8 x 1 LCD
Calibration Range	: Factory Calibrated
Temp Compensation	: Auto Pt100 sensor (0 to 40°C)
Accuracy	: ±1% FS
Isolation	: 1.4 KV between Input, Output & Power Supply
Power Supply	: 24 VDC, External
Power Consumption	: <50 mW
Response Time	: <500 ms
Temperature Coefficient	: ±0.01% per°C
Enclosure	: Flame Proof, IP-65, IIA, IIB CMRI Certified
Dimensions	: 135 (H) x 182 (W) including cable gland x 170 (D) in mm Approx.
Process Connections	: ¾" ET
Mounting	: 2" Pipe Mounting (Field)
Weight	: 1 kg
Operating Conditions	: Temperature 0 to 55°C / Humidity 5 to 95 % non-condensing