

Conductivity Indicating Transmitter - Field

MS CD 112



FEATURE

- On-line measurement
- 2 wire system
- 4-20 mA DC output
- Auto/Manual temperature compensation
- On-Line indication through LCD display
- Flame-proof, IP-65, IIA, IIB CMRI certified housing

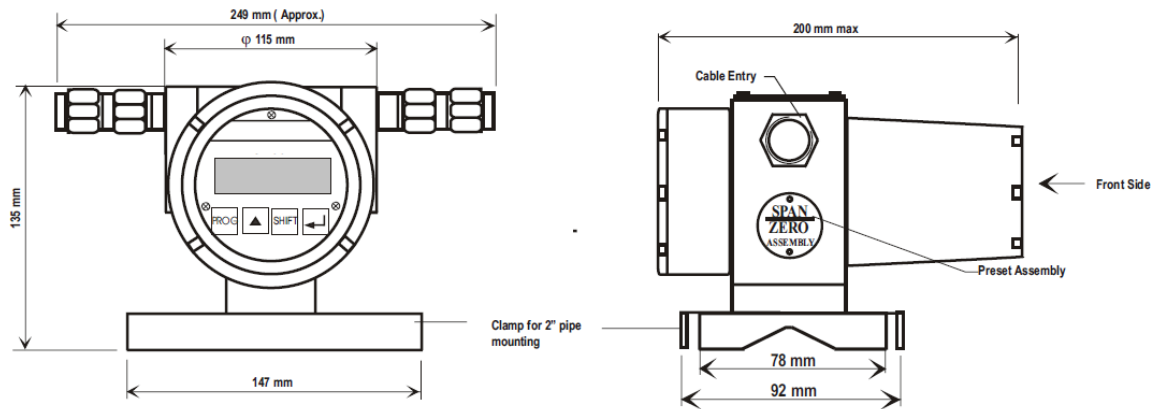
INTRODUCTION

MicroSet's Conductivity transmitters are used for various industrial applications. It can accept input from conductivity electrode of cell constant 1 / 0.1 / 0.01 & conductivity signal is transmitted in the form of electrical 4 - 20 mA signal. The on-line conductivity indication is provided through LCD. Span/Zero adjustments are easily accessible.

SPECIFICATION

Type of Input	: From Conductivity Electrode
Cell Constant	: 0.01 / 0.1 / 1
Type of Output	: 4 - 20 mA DC, 2 wire Isolated
Display	: 8 x 1 LCD
Calibration Range	: Factory Calibrated 0 to 100 μ S/cm for cell constant 0.01 0 to 1000 μ S /cm for cell constant 0.1 0 to 10000 μ S /cm for cell constant 1
Temperature Compensation	: Auto / Manual through RTD, Pt 100 sensor for 0-100°C
Accuracy	: \pm 0.25% FS
Isolation	: 1.4 KV between Input, Output & Power Supply
Power Supply	: 24 V DC, External
Power Consumption	: < 50 mW
Response Time	: < 500 mSec
Temperature Coefficient	: \pm 0.01% per °C
Enclosure	: 1) Weather-proof, IP-65 2) Flame-proof, IP-65, IIA, IIB CMRI Certified
Dimensions	: 135 (H) x 249 (W) including cable gland x 170 (D) in mm approx.
Electrical Connections	: 3/4" ET
Mounting	: 2" Pipe Mounting
Weight	: 1 kg
Operating Conditions	: Temperature 0 to 55°C / Humidity 5 to 95% Non-condensing

DIMENSION



INSTALLATION

