2000441-150X Current Transmitter

- ✓ Convert high-current industrial signals into standard analog signals
- ✓ 0-150A Input
- ✓ 4-20mA Output
- ✓ Basic Accuracy ±0.2%FS
- ✓ Response Time: ≤10ms (0-90%)
- ✓ 8 mm Aperture
- ✓ R250 4-20mA Current Loop Shunt Resistor Included
- ✓ CE Compliance

DATAQ® INSTRUMENTS

2000441-150X Current Transmitter

Introduction

2000441-150X AC current transmitter adopts the Hall Principle to directly convert the high- current signal from the industrial field into the standard analog signal, and the input and output signals are linear. The input, output, and power supply are reliably isolated from each other.

Features

- 8mm aperture
- 0-150A Input
- 4-20mA Output

Specifications

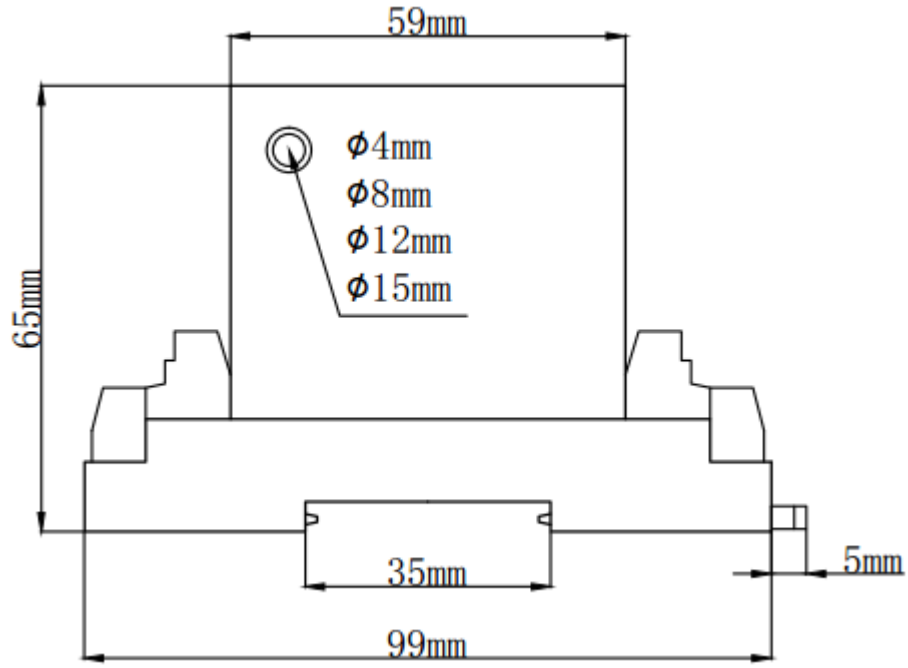
- Output signal: 4-20mA
- Power: DC12V/24V/220V, AC220V (DIN-P24 Sold seperately)
- Rated power consumption: ≤1W (power supply DC24V, output 20mA)
- Output Load Resistance: RL≤500Ω (output is current signal), RL≥10KΩ (output is voltage signal)
- Basic Accuracy: ≤0.2% F.S.
- Temperature Drift: 0.2% F.S./℃ (-30℃~+85℃)
- Response Time: ≤10ms (0-90%) (TYP)
- Insulation Strength: 3000V AC/1min (input, output, and power)
- Working Temperature: -30℃~+85℃
- 4-20mA Current Loop Shunt Resistor Included
- EMC: CE Compliance, GB/T 18268.1, IEC61326-1

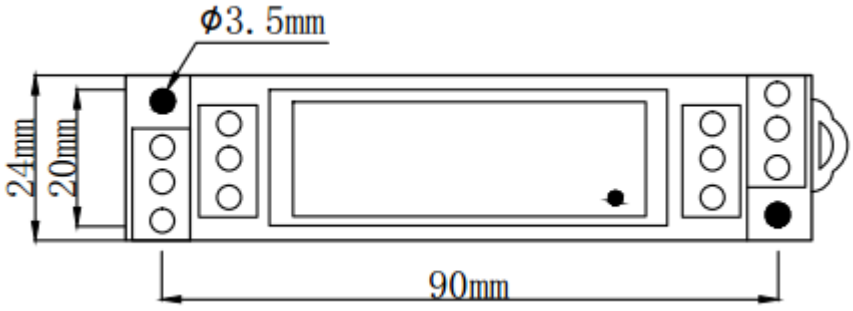
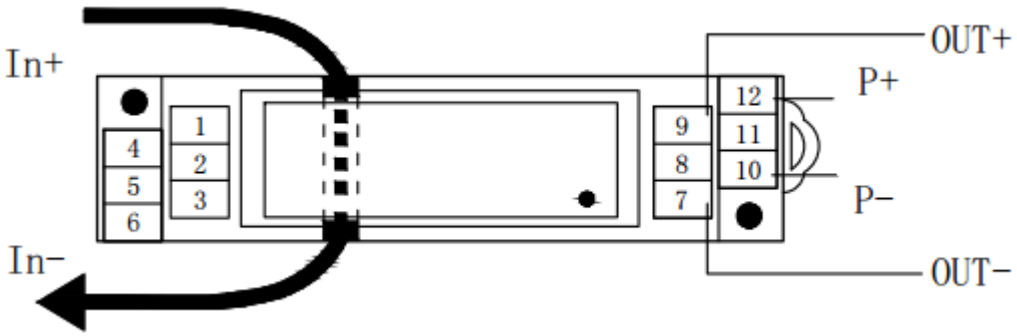
Compatible with all DATAQ Instruments Hardware Products. Popular products include:

- DI-2108: https://www.dataq.com/products/di-2108/
- DI-2108-P: https://dataq.com/products/di-2108-p/
- DI-4108: https://www.dataq.com/products/di-4108-e/
- DI-4208: https://www.dataq.com/products/di-4208-e/
- DI-4718B (with 8B modules): https://www.dataq.com/products/di-4718b/
- DIN-P24 Power Supply must be purchased separately

Dimensions

Model 2000441-150X has 8mm aperature





Wiring