

AHT638M Process Four Level Trip Amplifier

- ★ Suitable for any process input
The M option shows it is for use with a
with a two wire transmitter.
- ★ Supply Voltages 115Vac $\pm 20\%$
230Vac $\pm 20\%$
24Vdc $\pm 2.5V$
- ★ Amelec Standard 10 year guarantee

Technical Specifications

Input

Designed to operate with a field device that needs an external 24V source, a two wire loop excitation.
Typically input: a 4-20mA loop from a DP cell

Output

In a typical high trip application, the trip will change state when the input exceeds the level set on TRIP and return to normal when it falls 1% below it. Trips 2, 3 & 4 can be set for hi's or low's each having their own 15 turn blindest potentiometer controls. The front plate zero and spans are factory set enabling the trips to be adjusted anywhere in the 0 to 100% of span range.

Input open circuit fault DOWNSCALE.

Relay Outputs: 4 x S.P.C.O. 250Vac 2A 100VA Resistive

Front fascia red LED's show relay status.

Isolation

1000V RMS. Input/Output/Supply/Earth

★ 500V DC If RFI option (K) is specified

Environmental Conditions

Storage Temperature -40 to 70°C
Operating Ambient -15 to 55°C
Relative Humidity 5-95 % RH

FRONT VIEW

