

ADM230KH HART/Process Signal Transmitter

- Suitable for SIL 1, 2 & 3 rated safety loop applications (IEC61508-2)
- Suitable for process 4-20mA/HART Loops
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 (20-1000MHz, $\leq 10V/m$)
- AMELEC Standard 10 year warranty

Technical Specifications

Input

The standard input signal is 4-20mA. Other ranges are available on request. Nominal volts drop: 2.4V

Output

The standard output signal is 4-20mA, other ranges are available on request. The current source can be up to 22mA @24Vdc. The output current is configured as a source port as standard, but on request can be configured as a sink port for up to 22mA @30V max.

Supply

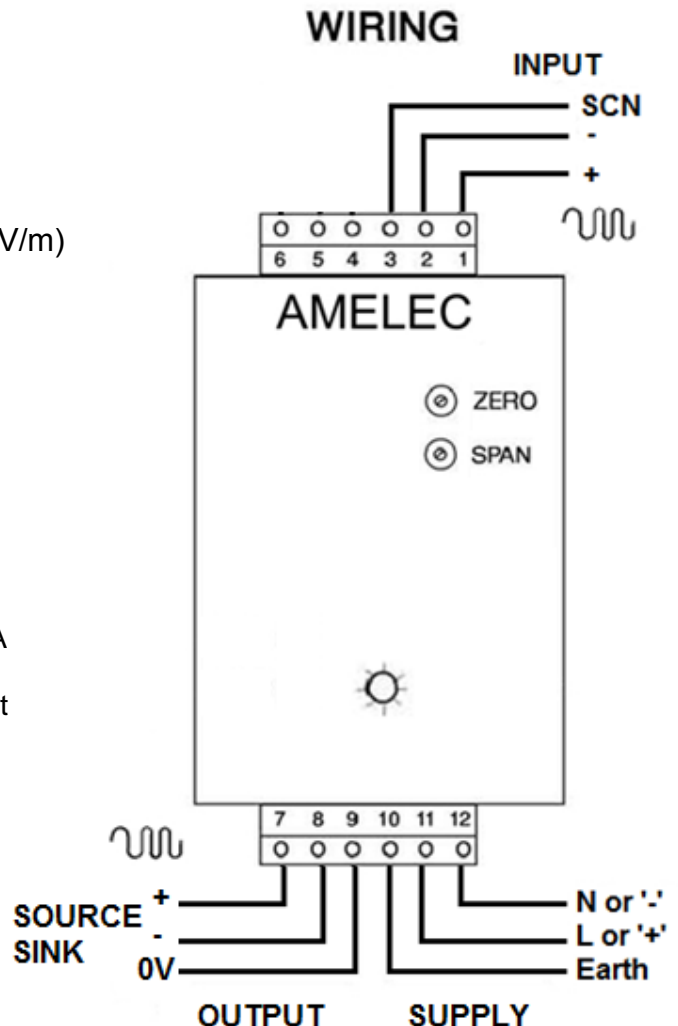
Burden on 24Vdc supply 100mA
Burden on ac supply 3W

Isolation

500Vdc Input/Output/Supply/Earth

Dimensions

50w x 75h x 182d (mm)



HART Compatibility

The HART signal is superimposed on to 4-20mA signal, giving bidirectional HART communication. The isolation between Input/Output/Supply is fully maintained, protecting your critical/expensive equipment and processes against surge, spikes and transient.

