

ADM237XH Two wire HART / Process Signal Isolator/Splitter

- For use in HART 5, HART 6 & HART 7 wired protocol control system loops
- Suitable for SIL 1, SIL 2 & SIL 3 rated safety system loop applications (IEC61508)
- Supply voltage: 24Vdc $\pm 2.5V$
- RFI Protection to IEC61000-4-3:2006/A2:2010 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

The input terminals are included in the Excitation loop providing 24Vdc power for the 4-20mA two-wire transmitter

Output 1

Bidirectional HART compatible in sink or source configuration
Nominal output range is 4-20mA.
Other ranges available on request.

Optional Output 2 – (Model ADM237XH-2)

Standard non-HART process output normally 4-20mA, other ranges available on request.

Isolation

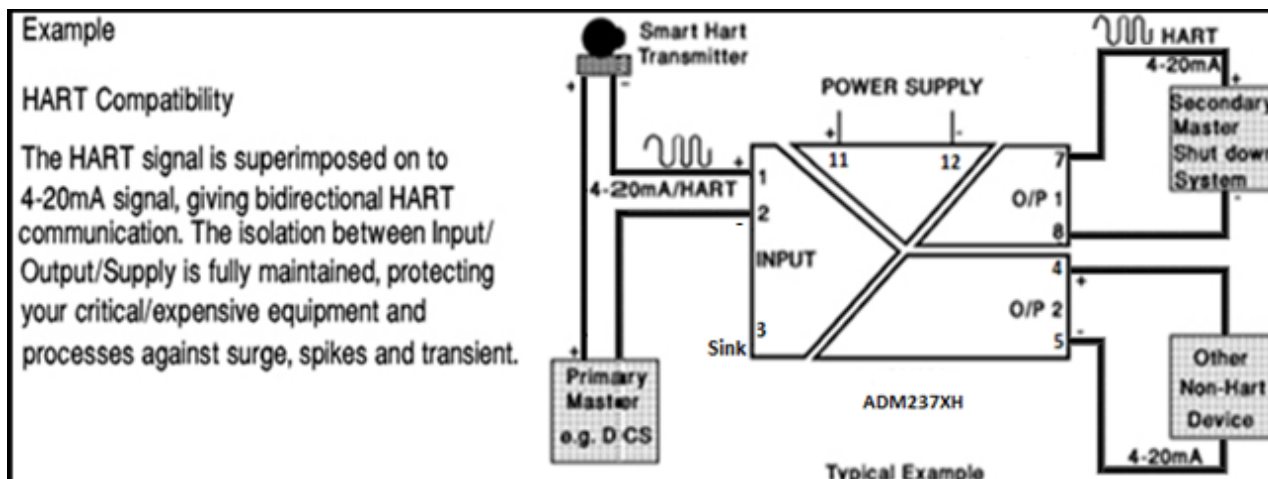
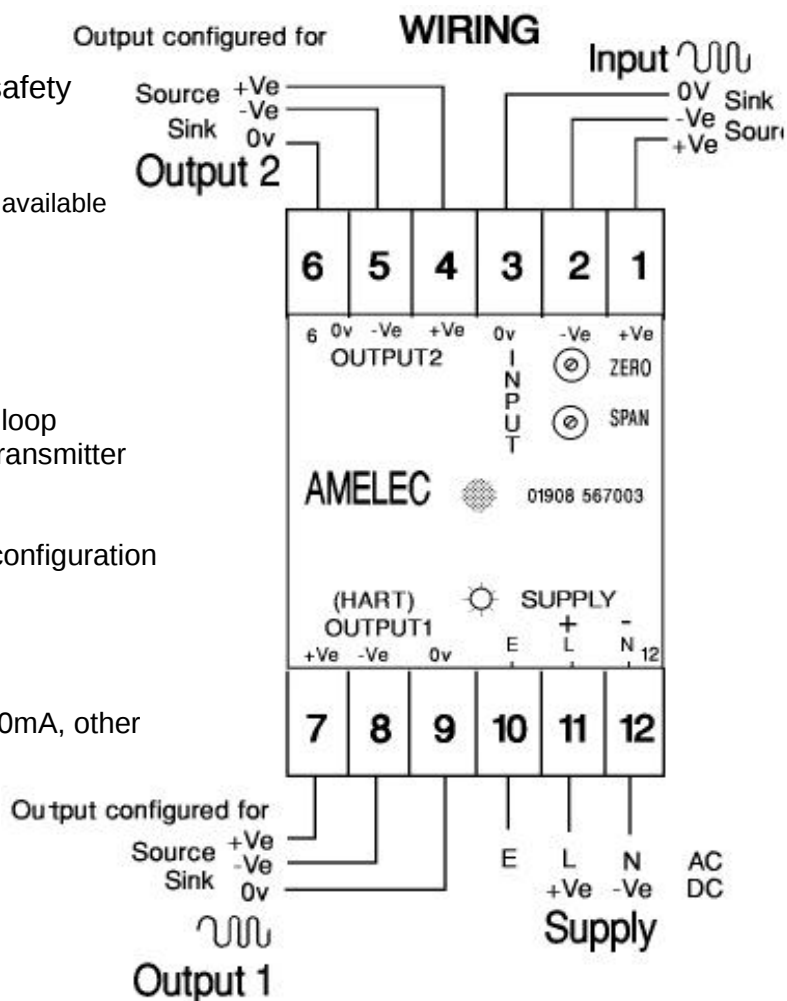
1000V RMS Input/Output/Output/Supply/Earth
Accuracy/Linearity: $< \pm 0.1\%$

Environmental Conditions

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

Dimensions

50w x 75h x 110d (mm)



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