

HVD Valve Controller.

4/20mA Input to High mA Output Converter with Dither.

Features.

- Cost effective.
- Easily calibrated.
- Din rail mount.
- Solid state reliability.
- Zero adjustment.
- Span adjustment.



Ordering Information.

HVD -Standard 4~20mA Input Range, 0~400mA Output Range Calibration.

HVD- -Special Fixed Input Range Calibration.
 |
 Special Range

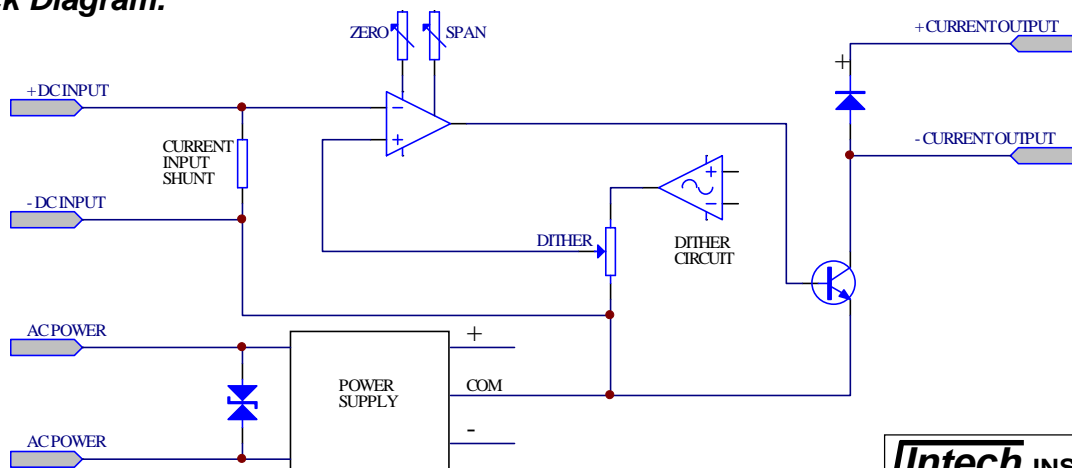
Specifications.

Input Range	-Current	4~20mA
	-Voltage	Select any range from 0 to Vdc, to 0 to 100Vdc max. Other ranges available on request.
Input Impedance	-Current	62Ω
	-Voltage	180kΩ.
Output Current Range		0 to 400mA max, 12V compliance. Other Output ranges available on request. Note Min SPAN = 50mA.
Dither	-Signal Frequency	1Hz nominal sinewave.
	-Adjustment Range	0 to 5% typical.
Response time		≤100ms. (Range dependant.)
Power Supply		115Vac ±10%, 50/60Hz Standard. 230Vac ±10%, 50/60Hz Optional.
Accurate to and Linearity		±0.1% FSO typical.
Dimensions		L=113, W=78, H=65mm.
Operating Temperature & Humidity		0~60C. (Storage Temp. -20~80C.) 5~85% RH Max. Non-Condensing.
Temperature Stability		(±0.02% of SPAN)/C typical.

Product Liability. This information describes our products. It does not constitute guaranteed properties and is not intended to affirm the suitability of a product for a particular application. Due to ongoing research and development, designs, specifications, and documentation are subject to change without notification. Regrettably, omissions and exceptions cannot be completely ruled out. No liability will be accepted for errors, omissions or amendments to this specification. Technical data are always specified by their average values and are based on Standard Calibration Units at 25C, unless otherwise specified. Each product is subject to the 'Conditions of Sale'.

Warning: These products are not designed for use in, and should not be used for patient connected applications. In any critical installation an independent fail-safe back-up system must always be implemented.

Block Diagram.



Intech INSTRUMENTS LTD
www.intech.co.nz
 Christchurch Ph: +64 3 343 0646
 Auckland Ph: 09 827 1930
 Email: sales@intech.co.nz

Quality Assurance Programme.

The modern technology and strict procedures of the ISO9001 Quality Assurance Programme applied during design, development, production and final inspection grant long term reliability of the instrument.