DP10 Signal Conditioner

Front Panel Signal Conditioner Access!



The DP10 is the only panel mount signal conditioner on the market today. Not only does the DP10 convert and scale analog control signals (VDC, mA, PWM) it also is a signal generator. Driven by customer need, the DP10 is being used in unique and creative ways by customers to solve their application needs.

Mode	Signal In	Signal Out
Generate	N/A	5-20Vdc
Generate	N/A	4-20mA
Convert	0-5 to 20Vdc	4-20mA
Convert	4-20mA	0-5 to 20Vdc
Scale	0-5 to 20Vdc	0-100% signal in
Scale	4-20mA	0-100% signal in

- Convert, scale and generate signals
- VDC, mA and PWM
- Front panel access
- Keypad lock feature
- NEMA4X / IP67
- Bright 1/2" LED display
- Programmable display units
- Euro-style terminal strip
- Line voltage supply
- mA loop power supply
- uProcessor digital accuracy
- Excellent linearity
- Minimal temperature drift
- Transient voltage protection
- -10°C to 45°C ambient
- Oil/chemical resistant bezel
- Configuration local save and recover
- Non-volatile memory



Dart Controls, Inc.
5000 W. 106th Street
Zionsville, IN 46077 USA

317-873-5211
sales@dartcontrols.com
www.dartcontrols.com

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DP10 Applications

Remote Operator Station
- Pumps, valves, positioners, process equipment

ECM (Electrically Commutated Motor)
- Speed signal to ECM integral motor control

Laboratory / Simulator
- Test and troubleshoot systems easily

Signal Repeater
- Convert voltage to mA for long wire runs

Reference Signal
- For input to PLC, HMI and SCADA systems

Scalable Display Digital Potentiometer
- For two-wire systems



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