

DCM 4059G - CURRENT/VOLTAGE AMPLIFIER

The DCM 4059G accepts a bridge input and provides an analog output, which is user selectable, voltage or current. This module's circuitry includes filtering and processing to allow use of low level transducers in noisy environments. User inputs and outputs are selected via four rotary and one slide switch, as well as nine different excitation voltages to meet the needs of most transducers. The DCM 4059G provides 100 ma current, enough to drive up to four 350 ohm transducers.

- **WIDE RANGE OF INPUTS & OUTPUTS**
- **LOW COST**
- **FIELD ADJUSTABLE**

GENERAL

- CHANNELS: 1
- TEMPERATURE: -10° to 60° C
- MATERIAL: Plastic Enclosure
- POWER REQUIRED: 115 Vac, DC Power Option

TRANSDUCER

- EXCITATION: 10 Vdc Max.
- INPUTS ACCEPTED: 5 to 400 mv (12 different Selections)
- CALIBRATION METHOD: Rotary Switches
- BRIDGE RESISTANCE: 350 Ohms Min.

AMPLIFIER

- ACCURACY: 0.01% F.S.
- OUTPUT: ±10 Vdc (60 voltage settings) Isolated
4 to 20 ma (2 current settings) Isolated
70 mSec., Faster response time avail.
- RESPONSE TIME:

PHYSICAL

- DIMENSIONS: 2.75" H x 2.38" W

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