STRAIN AMPLIFIER/SIGNAL CONDITIONER MODULES FOR STRAIN GAGES, LOAD CELLS, AND TRANSDUCERS

DMD-460 Series

- Bridge voltage range: 4 to 15 Vdc
- Maximum 120 mA
- Load resistance: 120, 350, 500 Ω for use in large-scale bridge circuits
- Adjustable gain/offset
- 6-wire bridge connection
- Voltage and current specifications
- 115 and 230 Vac or DC power models

- DMD-465: DC ~ -3 dB = 3 Hz
  DB ~ -3 dB = 2 kHz
- Maximum output: 120 mA
- Input offset: -5 to 2V
  (DMD-465WB only)
- Bridge voltage: 200 ppm/°C
- Input impedance: 3000 MΩ
- Output noise (RTO): 120 μVrms
  (DMD-465WB only)
- Input noise: 15 μV p-p
- Common mode rejection: 90 dB @ gain = 100
  (DMD-465)
  250 (DMD-465WB)
- Common mode input: ±15V
- 4 ~ 20 mA transmitter (DMD-466)

Specifications:
- Power:
  - Maximum: 115 Vac ±10% 50/60 Hz or 10 to 36 Vdc
    - 0.7 A @ 10 V, 0.17 A @ 36 V
- Operating temperature:
  - 0 to 70°C (32 to 158°F)
- Storage temperature:
  - -25 to 85°C (-13 to 185°F)
- Weight:
  - 510 g (18 oz)
- Size:
  - 96 L x 51 W x 73 mm H (3.75 x 2 x 2.87”)

DMD-465/465WB

- Bridge power cord - terminal removed

For more information, visit kr.omega.com/dmd-465.

- DMD-465: DC ~ -3 dB = 3 Hz
  - Maximum output: 120 mA
  - Input offset: ±10 Vdc
- DMD-465WB: DC ~ -3 dB = 2 kHz
  - Maximum output: 120 mA
  - Input offset: ±10 Vdc

Use the DMD-465 series with strain gages, load cells, and transducers.

- DMD-465: 0.1 V to 10 Vdc
- DMD-465WB: 0.1 V to 20 Vdc

Operating temperature:
- 0 to 70°C
- Storage temperature:
- -25 to 85°C

Common mode input voltage:
- ±15V

Ordering information:
- DMD-465, 115 Vac or DC power model
- DMD-465WB, 220 Vac power model
- DMD-466, 4 ~ 20 mA transmitter model