

DCM 490/492 - UNIVERSAL IN-LINE AMPLIFIER

The DCM 490 and DCM 492 are highly serviceable, user-programmable units that meet NEMA-4 and IP-66 ratings for water resistance. These units are housed in a rugged, plastic package which is connected between the transducer and the readout device. The amplifier supplies a regulated bridge excitation voltage for the transducer and will give an output of 0-5 Vdc (DCM 490) or 4-20mA (DCM 492).

- USER PROGRAMMABLE
- NEMA-4 OR IP66 WATER RESISTANT

GENERAL

- CHANNELS: 1
- TEMPERATURE: -20° to 180° F
- MATERIAL: IP-66 or NEMA 4
- POWER REQUIRED: ±15 Vdc - DCM 490
18 to 32 Vdc - DCM 492
- SPAN ADJUSTMENTS: .5mv/v to 10 mv/v - DCM 490
.5mv/v to 6.6 mv/v - DCM 492

TRANSDUCER

- EXCITATION: 3, 5 or 10 Vdc - DCM 490
3 or 5 Vdc - DCM 492
- CALIBRATION METHOD: Shunt Cal or Potentiometer
- LINEARITY: .01% F.S. - DCM 490
.02% F.S. - DCM 492
- ANALOG OUTPUT: ±5 Vdc - DCM 490
4-20 mA Output - DCM 492
- RESPONSE TIME: 5 kHz

PHYSICAL

- DIMENSIONS: 3.75"L x 2.50"W x 2.10" H

DCM 490/492



DCM 495/496 - UNIVERSAL IN-LINE AMPLIFIER

The DCM 495 and DCM 496 are highly serviceable, user-programmable units that meet NEMA-4 and IP-66 ratings for water resistance. These units are housed in a rugged, plastic package which is connected between the transducer and the readout device. The amplifier supplies a regulated bridge excitation voltage for the transducer and will give an output of 0 to ± 10 Vdc (DCM 495) or 0 to ± 5 Vdc (DCM 496).

- USER PROGRAMMABLE
- NEMA-4 OR IP66 WATER RESISTANT
- UV-10 (BE127) Sensor

GENERAL

- CHANNELS: 1
- TEMPERATURE: -20° to 180° F
- MATERIAL: IP-66 or NEMA 4
- POWER REQUIRED: 18 to 32 Vdc - DCM 495
11 to 28 Vdc - DCM 496
- SPAN ADJUSTMENTS: 1mv/v to 20 mv/v - DCM 495
.75mv/v to 10 mv/v - DCM 496

TRANSDUCER

- EXCITATION: 2.5, 5 or 10 Vdc - DCM 495
3 or 5 Vdc - DCM 496
- CALIBRATION METHOD: Shunt Cal or Potentiometer

AMPLIFIER

- ACCURACY: .02%
- ANALOG OUTPUT: ±10 Vdc - DCM 495 @ 2mA
±5 Vdc - DCM 496
- RESPONSE TIME: 5 kHz

PHYSICAL

- DIMENSIONS: 3.75"L x 2.50"W x 2.10" H

DCM 495/496

