

DP18 Series Model DP18-P7 Process Indicator



M2114/1294



DC INSTRUMENT 3 $\frac{1}{2}$ DIGITS, FOR SIGNAL INPUT IN Vdc UP TO 200 Vdc, IN TWO RANGES SELECTABLE ON THE SIGNAL CONDITIONER BY PLUG-IN JUMPERS. ALLOWS THE READING TO BE DISPLAYED IN ENGINEERING UNITS, USING THE TRIMMERS AND SELECTABLE RANGES FOR SPAN AND OFFSET (see fig.3).

PROVIDES AN EXCITATION OUTPUT FOR TRANSDUCERS ADJUSTABLE FROM 10 TO 24 Vdc BY A TRIMMER.

SPECIFICATIONS

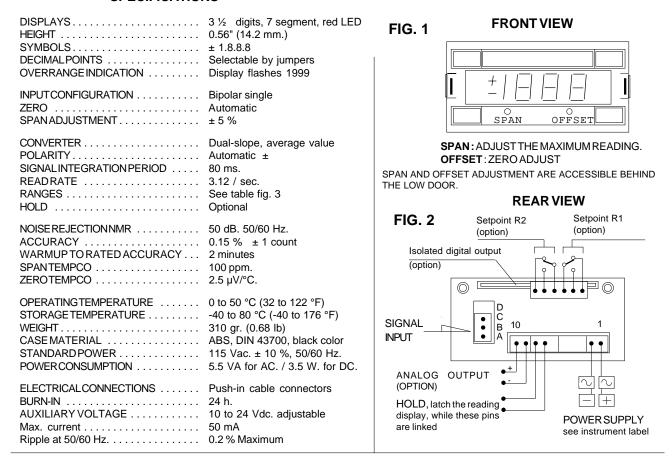
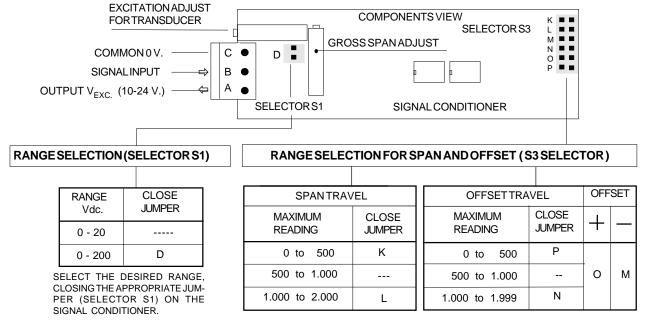


FIG. 3

SIGNAL INPUT CONNECTIONS AND CONFIGURATION PROCEDURES



CLOSE THE APPROPRIATE DECIMAL POINT JUMPER (FIG.5), CORRESPONDING TO THE READING DESIRED. FOR A READING OF 14.50 PLACE THE JUMPER ON THE D2 POSITION.



OPTIONS AND POWER SUPPLIES AVAILABLE FOR DP18 Series

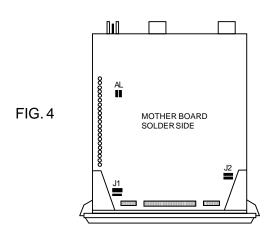
CONTROLOUTPUT/COMMUNICATIONSOPTIONS Select a maximum of one option from each column

OPTION	DESCRIPTION	OPTION	DESCRIPTION
BCD R1 R2 APH1 232	PARALLEL BCD, OPTOISOLATED SINGLE SETPOINT, 3 Amp. Relay DUAL SETPOINT, 3 Amp: Relays ANALOG PEAK HOLD ISOLATED SERIAL OUTPUT RS-232	A01 A02 A03 APH2	ANALOG OUTPUT, MA SINK ANALOG OUTPUT, MA SOURCE ANALOG OUTPUT, VOLTAGE ANALOG PEAK HOLD

POWER SUPPLY OPTIONS

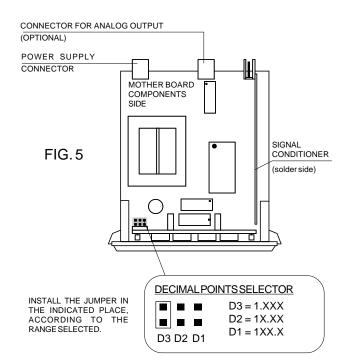
OPTION	POWER	OPTION	POWER
230 STD 24 48	230 Vac 50/60 Hz 115 Vac 50/60 Hz 24 Vac 50/60 Hz 48 Vac 50/60 Hz	15/30 Vdc 24/65 Vdc	1530 Vdc10% (3.5 W) isolated 2465 Vdc (4 W) isolated

SELECTION OF: DECIMAL POINTS AND SPECIAL OPTIONS



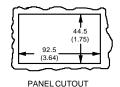
JUMPERS SELECTION FOR SPECIAL OPTIONS

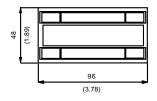
- $\begin{array}{lll} \textbf{AL:} \ OPEN \ ONLY \ WHEN \ ALARM \ SETPOINT \ CARD \ OPTION \ IS \ ADDED \\ \textbf{J1:} \ OPEN \ TO \ ELIMINATE \ THE \ LEAST-SIGNIFICANT \ DIGIT(LSD) \\ \textbf{J2:} \ OPEN \ TO \ ELIMINATE \ THE \ INDICATION \ \pm \end{array}$

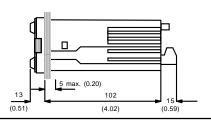


MECHANICAL DIMENSIONS mm (in)









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OMEGA warrants this unit to be free of defects in materials and workmanship and to give OMEGA warrants this unit to be free of defects in materials and workmanship and to give satisfactory service for a period of 13 months from date of purchase. OMEGA Warranty adds an additional one (1) month grace period to the normal one (1) year product warranty to cover handling and shipping time. This ensures that OMEGA's customers receive maximum coverage on each product. If the unit should malfunction, it must be returned to the factory for evaluation. OMEGA's Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective it will be repaired or replaced at no charge. However, this WARRANTY is VOID if the unit shows evidence of having been tampered with or shows evidence of being damaged as a result of excessive corrosion; or current; heat; moisture or vibration; improper specification; misasplication; misuse or other operating conditions outside of OMEGA's control. Components which wear or which are damaged by misuse are not warranted. These include contact points, fuses and triacs.

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MEGA

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FOR **WARRANTY** RETURNS, please have the following information available BEFORE contacting OMEGA:

- 1. P.O. number under which the product was PURCHASED.
- Model and serial number of the product
- under warranty, and Repair instructions and/or specific prob-lems relative to the product.
- FOR **NON-WARRANTY** REPAIRS, consult OMEGA for current repair charges. Have the following information available BEFORE contacting OMEGA:
- P.O. number to cover the COST of the
- Model and serial number of product, and Repair instructions and/or specific problems relative to the product.

OMEGA's policy is to make running changes, not model changes, whenever an improvement is

OMEGA's point yis to make turning changes, internote changes, wherever armiprovements possible. This affords our customers the latest in technology and engineering.

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