UDC 1000 TAC TIP

MODEL - DC 1003-7

UDC 1000 AS AN AUTO/MANUAL STATION

Several customers have learned that the UDC 1000 is an excellent **AUTO -MANUAL** station for use as a hard manual back-up between a controller and the final control element on critical loops.

When in **Automatic,** the UDC 1000 passes the loop controller's output directly through to the control element.

When placed in **Manual** the UDC 1000 output can be adjusted to place the control element in any desired position and hold it there.

THE UDC 1000 SHOULD BE CONFIGURED AS FOLLOWS:

HARDWARE

Set the Input 1 Jumper for 4-20 mA Input.

CONFIGURATION CODES

inPt	Input Code (See page A-2)	**3414**
CtrL	Output 1 Control Action	**dir**

SET UP CODES

Pb1	Proportional Band	**100.0**
rSEt	Reset time	**Blank display (greater than 99.59)**
rAtE	Rate	**0**
biAS	Manual Reset	**0**
Sphi	Setpoint High Limit	**0**
SPlo	Setpoint Low Limit	**0**
OPhi	Output Hi	**100**
rPnt	Linear Decimal Point Location	**1**
rhi	Linear High Range Value	**100**
rLo	Linear Low Range Value	**0**
PoEn	Manual Control Enable	**1**

WIRING DATA

1. The 4-20 mA output from controller is to be wired to UDC 1000 input terminals **4** (+) and **6** (-).

2. The UDC 1000 4-20 mA control output, terminals **1** (+) and **3** (-) are to be wired to final control element.