

DIGITAL PROCESS CONTROLLER

SERIES : SC / L - 1501



APPLICATIONS

- DPC 965 M is intended to be used for indication and control application.
- 7 segment RED LED display makes it visible from long distance.
- 4 ½ digit resolution gives accuracy as high as $\pm 0.3 \% \pm 1$ LSD.
- Unit accepts 4 - 20 mA DC linear input, the most commonly used signal in process industry.

FEATURES

- Ruggedised, State-of-the-art Micro-controller based system.
- 4 ½ Digit, ½ inch LED display.
- Field settable flow totalizing rate.
- Signal Re-transmission.
- Settable Hysteresis for two/ four relays.
- User configurable span.
- Serial Communication on RS 485 with Modbus RTU protocol.
- Ideal for SCADA applications.

TECHNICAL SPECIFICATION

Input	4-20 mA DC Liner
Display	7 Segment LED, 5-Digit process value. Display Size = ½"
Keyboard	4 key Track-Tile Keyboard
Scaling	Process value is scalable by software with Decimal point selection
Relay Outputs Optional	2 / 4 relay outputs, contact rating 230 VAC, 1Amp operating on 2 / 4 set-points with settable hysteresis.
Supply	230 VAC / 110 VAC , $\pm 10 \%$, single phase, 50 Hz
Accuracy	$\pm 0.3 \%$ of FSR ± 1 LSD
Resolution	4 ½ Digit
Indications	3 mm LED indication for Relay and serial operation
Retransmission Output (Optional)	4-20 mA true Retransmission Output for indication
Transmitter Power Supply	24 VDC, 100 mA power supply is made available for the external transmitter
Data Storage	All settings are stored in a battery backed RAM.
Serial Communication Optional	On line PC connectivity through SERIAL port Rs 485 on MODBUS protocol.
Connections	On Screw type connectors
Cabinet	Panel mounting ABS enclosure Size -- 96 x 96 x 120 mm (H x W x D) Cutout - 92 x 92 mm

OPTIONAL

- Two / four relays operating on separate set points and hysteresis is settable.
- Serial port RS 485 with MODBUS RTU protocol gives the user facility to connect the unit on all standard SCADA and DCS.
- 4-20mA Retransmission output for remote display or PLC.

ORDERING INFORMATION

DPC 965M- Sx- Cx- Ox- Rtx

S = Supply; 0= 230VAC; 1= 110VAC
C = Communication; 0= No; 1= Yes
O = Relay Output; 0= No; 1= 2; 2= 4
RT = Retransmission; 0= No; 1= Yes



SPINK CONTROLS

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