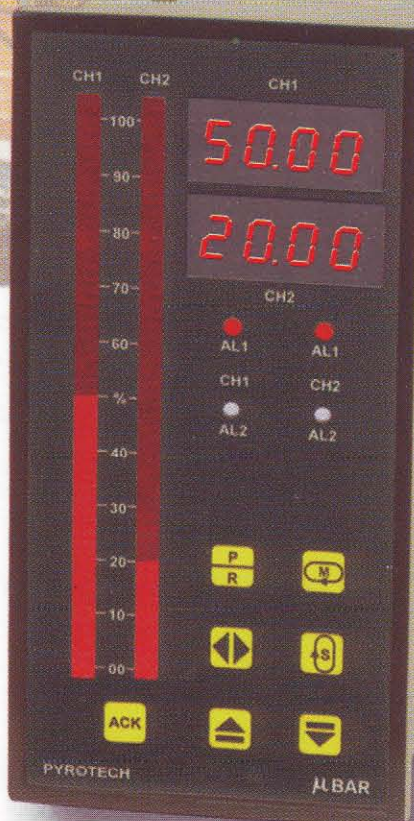


The Universal Bargraph Indicator is μ C based indigenous development by our R&D dept. A unique facility like RS-232 communication with 4-20 mA output and 24 VDC auxiliary power supply is provided.

μ C BASED



Features :-

- ✓ Universal input.
- ✓ Optically isolated retransmission 4-20 mA DC (both channels).
- ✓ User scaleable 4-20 mA DC retransmission.
- ✓ User scaleable 50/101 element LED BAR.
- ✓ Auxiliary 24 VDC power supply for transmitter.
- ✓ RS-232 communication facility.
- ✓ Adjustable/user selectable hysteresis.
- ✓ Both % type display as well as absolute process value display option in 7 segment LED type display.

Pyrotech

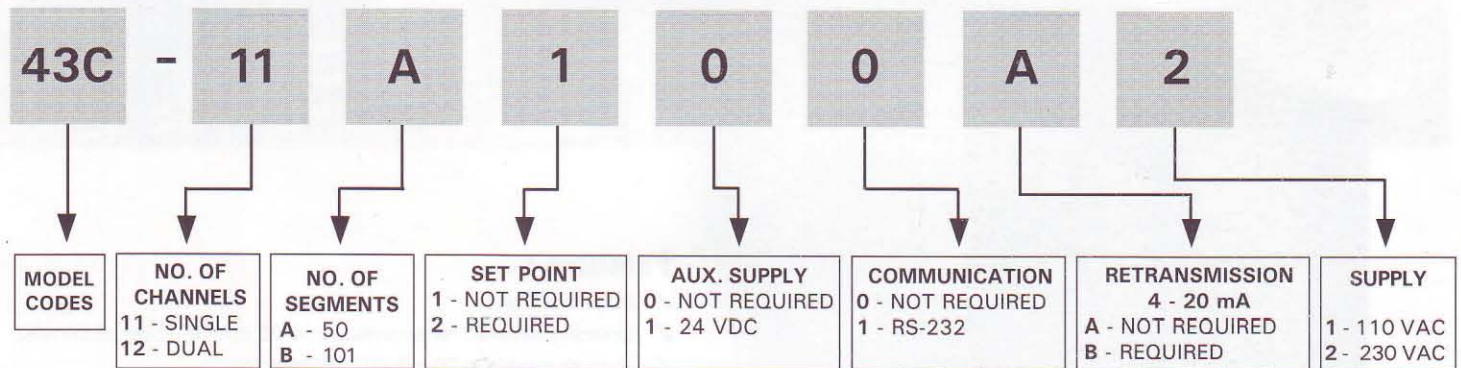


BARGRAPH INDICATOR

Specifications

| | | | |
|--------------------------------------|---|------------------------------|--|
| Model | 43C - ... | | |
| Type | Universal I/P : Single/Dual Channel. | | |
| Input | Universal Input T/C : E, J, K, T, B, R, S. RTD : Pt-100. mA : 4-20 mA, 0-20 mA. Volt : 0-5 VDC / 1-5 VDC. | | (c) User scaleable optically isolated 4-20 mA DC retransmission (for each channel). |
| Range : T/C (scaleable) | E : -200 to 990°C. J : -200 to 750°C. K : -200 to 1300°C. T : -200 to 390°C. B : 450 to 1750°C. R : 0 to 1750°C. S : 0 to 1750°C. | Control | (d) RS-232 communication facility. Program/Run, Select, Mode, Up, Down, Delta, Acknowledge keys for programming & calibration. Provided for T/C. |
| RTD, PT-100 (scaleable) | -200 to 840°C. | ACJC Calibration | Zero and span are adjustable thru front panel keys, no trimpot. |
| 0-20 mA, 4-20 mA (scaleable) | -1999 to 9999 counts. | Burn out protection | Upscale for T/C and RTD, Downscale for mA and voltage input. |
| 0-5 VDC / 1-5 VDC (scaleable) | -1999 to 9999 counts. | Linearity | 0.1% of span. |
| Display | For each channel. (i) 4 digit 7 segment LED red 0.3" height for process value. (ii) 50/101 segment LED bargraph, 130/100 mm in height. | Accuracy | Better than 0.25% of span. |
| Output | Optional (a) Two independent alarm contacts of 1NO + 1NC for both inputs. {Two independent alarm settings for each input (type HI or LO)}. (b) Auxiliary 24 VDC power supply. | Response time | Within 2 second. |
| | | Insulation resistance | 200 MΩ at 1000 VDC. |
| | | Insulation strength | Tested at 500 VAC between electronics and earth. |
| | | Power supply | 110 VAC / 230 VAC. |
| | | Operating ambient | (Temp.) 0-60°C. (Humidity) 5-95% RH. |
| | | Storage temp. | 0°C to 60°C. |
| | | Mounting | Panel mounted. |
| | | Housing | Sheet metal. |
| | | Terminals | Screw terminal suitable for conductor upto 1.5 sq. mm. wire. |
| | | Bezel size | 72 x 144 mm. |
| | | Cutout size | 68 x 138 mm. |

Ordering Information



Specifications are subject to change without prior notice.

Manufacturing facilities :

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