

**RATE/FREQUENCY/RPM
PROCESS CONTROLLER
WITH DUAL LIMITS
MODEL 715**



FEATURES

- >SEE BASIC MAINFRAME ON PAGE 28 FOR STANDARD SYSTEM'S FEATURES
- >FREQUENCY-VOLTAGE TECHNIQUE
- >NO TIME BASE REQUIRED
- >EASILY SCALABLE TO ENGINEERING UNITS
- >ZERO OFFSET FOR 1-11 KHZ XTMRs

ORDER INFORMATION

| MODEL 715 | | X | X | X |
|--------------------|---|---|---|-------------------------------|
| RANGE | ! | ! | ! | POWER/RELAYS-TRIAC |
| --0--200.00Hz---- | ! | ! | ! | !-0--5Vdc, No Relays----- |
| --1--2.0000 KHz--! | ! | ! | ! | !-1--5Vdc, w/Relays----- |
| --2--20.000 KHz--! | ! | ! | ! | !-2--12Vdc, No Relays----- |
| --3--200.00 KHz--! | ! | ! | ! | !-3--12Vdc, w/Relays----- |
| | ! | ! | ! | !-4--115/230Vac, no Relays--- |
| | ! | ! | ! | !-5--115/230Vac, w/Relays--- |
| | ! | ! | ! | !-6--5Vdc w/Triacs----- |
| | ! | ! | ! | !-7--12Vdc w/triacs----- |
| | ! | ! | ! | !-8--115/230Vac w/Triacs--- |
| | ! | ! | ! | ! PEAK & HOLD OPTION |
| | ! | ! | ! | !----0-None----- |
| | ! | ! | ! | !----1-Peak & Hold----- |

SPECIFICATIONS AND PRICE SUBJECT TO CHANGE WITHOUT NOTICE

NOTE: REFER TO PAGE 28 FOR DESCRIPTION OF MAINFRAME.

DESCRIPTION

Inputs from magnetic pick-ups, encoder, transmitters, proximity detectors, photo cells, or AC power line are acceptable by the 715. Its F-V input converts any frequency up to 200 KHz to a 0-2V DC for the main A/D on the mainframe. Its wide zero and span adjustments on the front panel easily scales to engineering units such as 1 KHz=0000; 1 KHz=10,000 counts. Maximum resolution is 0.01 Hz (200 Hz range) and input amplitude is from 0.1V to 400V AC/DC.

NOTE: THESE SPECIFICATIONS GOVERN OTHER APPLICABLE SPECIFICATIONS OF MAIN FRAMES FOUND ON PAGE 28.

SPECIFICATIONS AT 25°C

Input Signal-----0.1 to 400 V AC/DC
 Frequency Response-----10 Hz to 200 KHz
 Input Impedance-----100KΩ; Zero-Automatic
 Drift vs Temperature-----+/-0.05% of F.S./°C
 Accuracy and Linearity-----+/-0.05% of F.S. +/- 1 Digit
 Zero Adjustment-----+/- 1500 Counts