

BASE PRICING:

FDC - 401/901	\$99.00	FDC - 805	\$189.00
FDC - 402/902	\$109.00	FDC - 404	\$145.00
FDC - 905	\$179.00	FDC - 405	\$199.00

Analog Controllers



(1/16 DIN)	FDC - 901/902/905	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(1/8 DIN)	FDC - 805								
(1/4 DIN)	FDC - 401/402/404/405								
Schedule A		1	2	3	4	5	6	7	8

1. POWER INPUT

- 1: 100-130VAC, 50/60HZ (901/902 ONLY) N/C
- 2: 200-230VAC, 50/60HZ (901/902 ONLY) N/C
- 3: 100-130VAC/200-240VAC, 50/60HZ (401/402 ONLY) N/C
- 4: 90-240VAC, 50/60HZ (404/405/805/905 ONLY) N/C

2. SIGNAL INPUT

- 1: Type J Thermocouple N/C
- 2: Type K thermocouple N/C
- 3: RTD/PT100 Ohm (DIN) N/C
- 9: Special Order

3. TEMPERATURE RANGE

- Models FDC-905-805-405 N/C
- C: 0 to 299C
- E: 0 to 499C
- H: 0 to 999C
- V: 0 to 999F

- Models FDC-901/902/401/402/404 N/C
- E: 50 to 850F
- 5: 0 to 400C
- 6: 0 to 600C

Consult factory for additional temperature ranges. Ranges not shown above may require a minimum quantity

4. CONTROL TYPE

- 1: On-Off N/C
- 2: Proportional N/C

5. OUTPUT 1 TYPE

- 0: None N/C
- 1: Relay rated 5 amps @ 240VAC resistive, (N.O./N.C.) SPDT N/C
- 2: SSR Drive 3-32 VDC rated at 20mA @ 240VDC N/C
- 3: 4-20mA linear, isolated, max load 500 ohms \$26.00
- 4: 0-20mA linear, isolated, max load 500 ohms \$26.00
- 5: 0-10VDC linear, isolated, max impedance 500K ohms \$26.00
- 9: Special Order

6. OUTPUT 2 TYPE

- 0: None N/C

7. ALARM OUTPUT

- 0: NONE (use for models 901/902/905/401/402) N/C
- 1: Relay 2 amps @ 240VAC Resistive (N.O./N.C.) SPDT \$15.00

Relay is for deviation alarm only on models 404/405/805

8. OPTIONS

- 0: None N/C

Notes:

Proportional Control Output:

When specified with proportional control output note that "P" only control is available; Integral & Derivative are not offered [full PID]. If full PID and/or Auto Tune features are required refer to the Microprocessor based control [300](#), [100](#) and/or [C](#) Series.

Manual Reset Adjustment for Proportional Control Output:

A reset pot for adjusting proportional band is provided on all controls regardless if control is ordered as On-Off or Proportional; exceptions are the Models 901/902 & 401/402. A manual reset pot is only provided on these controls when ordered with Proportional control output.

On-Off and Proportional Control Output:

Controls ordered with Relay output may be field configured for On-Off or Time Proportioning Output [requires soldering]

Controls ordered with Relay output may have hardware modified to change Relay to Linear Proportional Outputs. [requires soldering output module or relay to replace original components.]

Differences — 901/401 and 902/402:

The 902/402 offer High/Low deviation LED indicators. When PV is within "x" % of Range of SP, LED operation is as follows:

- PV within 1-5% of range of SP both LEDs ON
- PV within 1% of range of SP both LEDs OFF
- PV greater than 5% of range of SP, both LEDs will flash.



Models: 901, 902, 404, 405, 805: #E197216



Models: 404,805: #207210



RoHS Compliant

DIN Rail Mount Adapter for 1/16 DIN controls:
Model DRA-16 refer to page 31

P.O. Box 1196 · Bridgeview, IL 60455
888.751.5444 Sales · 888.307.8014 Fax

Technical Support: 866.342.5332
<http://www.futuredesigncontrols.com>