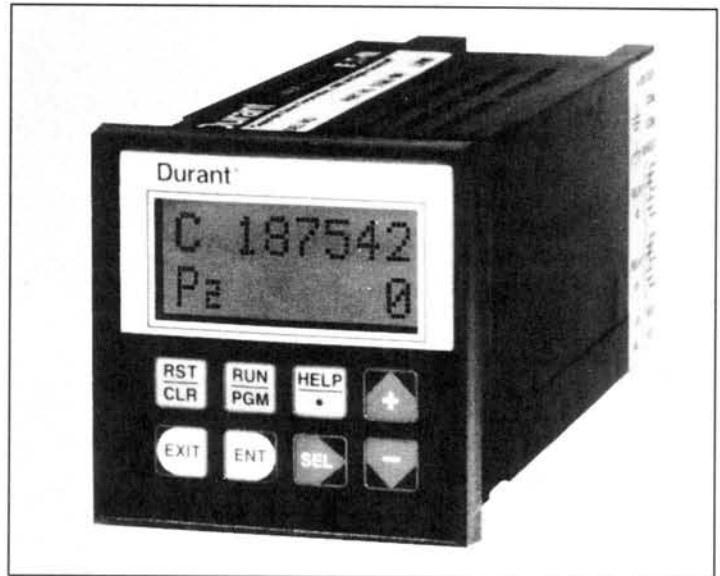


Flexibility for wide application...

Ideal machine components for high-speed totalizing, rate indication, and single level, dual level and batch control, these compact Ambassador™ Series units are perfect for many applications including:

- Simple production counting
- Length measurement
- Cut-to-length operations
- Batch quantity control
- Volumetric dispensing
- Fluid blending
- Form/fill/seal systems
- Coil winding
- Wire cutting
- Packaging
- Multiple control networks
- And many, many more...



Model 57601-404

The Ambassador™ series product family represents a significant addition to the Durant® count control product line. This count control includes a powerful set of features and performance specifications as compared to competitive units in a compact package size.

This product features an advanced, full alphanumeric dot matrix backlit LCD display. With two lines of eight characters each, the user can view count and rate, or count and preset displays simultaneously. The display also allows the user to select programming options and features from easy-to-read English language menus. Programming and operation of the control is both easy and friendly.

The control also features an RS-485 half duplex serial interface as standard. A host computer can be used to program preset values and operating functions, as well as to collect data from the control. Durant offers a broad range of communication products, including RS-232 to RS-485 converters, Ambassador™ Prolog data collection software and Ambassador™ Profile configuration software to program your control off-line on a personal computer. The host computer can also operate the control from remote locations. This is a powerful feature for the present and an even more powerful one for the future.

FEATURES & SELECTION GUIDE

Look At These Standard Key Features...

- EIGHT DECADE TOTALIZING COUNTER
- SIX DECADE 1/TAU RATE INDICATOR
- NINE PROGRAMMABLE COUNT INPUT MODES
- FOUR CONTROL INPUTS
with ten programmable functions
- PROGRAMMABLE COUNT SCALER
(range: 0.00001 to 9.99999)
- PROGRAMMABLE RATE SCALER
(range: 0.00001 to 99999)
- PROGRAMMABLE DECIMAL POINT
for count display
- PROGRAMMABLE DECIMAL POINT
for rate display
- TWO PROGRAMMABLE OPEN COLLECTOR
TRANSISTOR OUTPUTS
- PROGRAMMABLE RS-485 HALF DUPLEX
SERIAL INTERFACE

- SIXTEEN CHARACTER, 0.3" DOT MATRIX LCD
BACKLIT DISPLAY
- EIGHT POSITION SEALED TACTILE FEEL
KEYBOARD
- DEPLUGGABLE CONNECTORS
for all field wiring
- SEALED FRONT PANEL TO NEMA 4
SPECIFICATIONS
for complete environmental protection
- 68 x 68 mm DIN PACKAGE SIZE
for coordinated systems design
- UL LISTED AND CSA CERTIFIED

And Options on Selective Models...

- SIX DECADE MAIN COUNTER
with 1 or 2 preset levels
- SIX DECADE BATCH COUNTER
with 1 preset level
- TWO PROGRAMMABLE S.P.D.T. RELAY OUTPUTS

MODEL NUMBER	TOTALIZER	BATCH COUNTER	MAIN COUNTER	PRESETS	RATE SCALER	CROP-CUT	DIGITS	Comments/Description
57600-400	•				•	•	8	Totalizer With Rate, 10 - 15 VDC
57601-400	•				•	•	8	Totalizer With Rate, 115 VAC
57602-400	•				•	•	8	Totalizer With Rate, 230 VAC
57600-401		1	1		•	•	6	Single Preset With Rate, 10 - 15 VDC
57601-401		1	1		•	•	6	Single Preset With Rate, 115 VAC
57602-401		1	1		•	•	6	Single Preset With Rate, 230 VAC
57600-402	•	1	1		•	•	6/8	Single Preset With Rate, Batch & Totalizer, 10 - 15 VDC
57601-402	•	•	1	1	•	•	6/8	Single Preset With Rate, Batch & Totalizer, 115 VAC
57602-402	•	•	1	1	•	•	6/8	Single Preset With Rate, Batch & Totalizer, 230 VAC
57600-403		•	1	2	•	•	6	Dual Preset With Rate, 10 - 15 VDC
57601-403			1	2	•	•	6	Dual Preset With Rate, 115 VAC
57602-403			1	2	•	•	6	Dual Preset With Rate, 230 VAC
57600-404	•	•	1	2	•	•	6/8	Dual Preset With Rate, Batch & Totalizer, 10 - 15 VDC
57601-404	•	•	1	2	•	•	6/8	Dual Preset With Rate, Batch & Totalizer, 115 VAC
57602-404	•	•	1	2	•	•	6/8	Dual Preset With Rate, Batch & Totalizer, 230 VAC

The crop-cut feature is implemented by programming one of the four general-purpose inputs to activate one or more of the output relays or transistors.

On models with presettable counter and totalizer, the main counter is six digits, while the totalizer is eight digits.