



A complete production information center . . . totals, speeds, ratio, downtime by reason, efficiency and more – plus RS-422 data communications

The factors affecting production yields and efficiency require constant analysis in order to maintain quality standards. Series 7935 Production Data Control gives factory and management personnel instant access to vital information needed to make necessary evaluations and corrections. Production totals, downtime (or uptime), percentage efficiency, plus a full history of stop-reasons including total events and time lost, are collected for each work shift – up to five shifts.

- Increases manufacturing yields and quality by identifying stop reasons
- Five shift segregation of important production information
- Brilliant 0.56" (14.2 mm) red LED display
- Compact – panel mount, NEMA-4 rated front panel
- Accurate production count with preset, prevents overrun and underrun
- Records production totals, downtime, efficiency, and stops
- Monitors speed by RPM, length or parts per minute, or other unit
- Provides alarm outputs at high/low speed limits or ratio deviation
- Predetermining counter for controlling batch or lot size

Additional features include a 2-preset counter for controlling production batch or lot size, dual rate/ratio indicators with preset alarms, and a total running hour meter. Up to 100 units may be networked to a PC or other computer via its RS-422 data interface. The computer can generate reports by exception, grouping, statistic, or other programmable conditions.

For specialized flow measurement and control, see SFC40
For sheet-length and ream control/monitor, see MAX S.L.R.C.

SPECIFICATIONS

Display: Red, 0.56" high (14.2 mm) LED, 6 data digits, 2 identification digits; programmable decimal point position.

Front Panel: Membrane laminate, moisture- and dust-tight when panel mounted with gasket, tactile response keys

Input Power: Selectable 115/230 VAC, $\pm 10\%$; 50/60 Hz; 20 watts, maximum

Transducer Power: Output of 12 VDC regulated $\pm 5\%$, 120 mA, maximum

Shift Functions: Acquired for 5 work shifts; production count, downtime (or uptime), efficiency, fault data

Machine Functions: Rate-1, Rate-2, Ratio, Running Hours, Preset Counter

Memory: Nonvolatile, retains all program and data during absence of power

Security: Multiple level, programmable digital code security-locks

Signal Inputs: 2 inputs, NPN transistor; 1 kHz, 500 μ sec. min. pulse width; programmable filter for switch-contact: 25 Hz, 20 msec. min. pulse width

Primary Input: Signal for shift total, running total, preset counter, rate-1, and ratio features

Secondary Input: Signal for rate-2 and ratio features

Calibration: 6 independent scalars provided for counted data, rate, and ratio

Command Inputs: Run/stop, remote reset, remote shift change, selectable direction or stop count; NPN transistor or switch contact, 50 msec. min. pulse width

Fault Reason Inputs: 7 inputs for external sensors (or switches) that signal fault or other unusual process condition

Preset Counter Outputs: 2 form-c relays rated 115/230 VAC, 5 amp noninductive, 2 NPN transistors rated 30 VDC, 100 mA

Rate Alarm Outputs: 2 NPN transistors rated 30 VDC, 100 mA

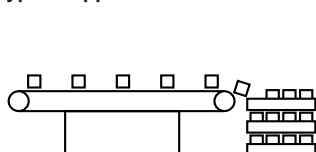
Serial Interface: RS-422, ASCII, programmable baud rate

Operating Temperature: 32° to 131°F (0° to 55°C)

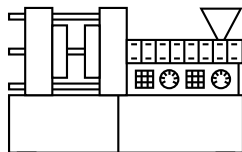
Weight: 3.25 lbs. (1.47 kg.)

Model No.	Description
793506-260	Series 7935 with RS-422 interface

Typical Applications:



Packaging Line



Molding Machine

Dimensions:

