

Datasheet

Stock No: 808-6636

RS Pro 6 Digit, LED, Counter, 20 kHz, 24 V



Overview

Single set programmable counters designed to be used in a comprehensive range of applications. It has a 96 x 48 mm mounting, making this Counter highly versatile from both a mounting and function perspective.

Features and Benefits

- 6-digit Process (PV) and 6-digit set (SV) Value display
- Operation with 1 set value
- Reset, pause and ChA-ChB counting inputs
- NPN/PNP type operation
- Operation with automatic and manual reset
- INC, DEC, INC/INC, INC/DEC, Up/Down, x1/x2/x4 counting with phase shifting property
- Multiplication coefficient and decimal point position



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Applications

- Packing machines
- Quality control rollers
- Filling systems
- Tool benches
- Measuring dimension and control automation
- Cutting and processing machines; glass, plastic, marble, sheet, iron or fabric
- Building automation
- Production bands

Specifications

Inputs

Counting Inputs (Ch-A, Ch-B): Switch, proximity, capacitive sensor or encoder can be connected

Reset Inputs: Switch, proximity or capacitive sensor can be connected

Pause Inputs: Switch, proximity or capacitive sensor can be connected

Sensor Type Selection: NPN or PNP can be selected

Reset Function: Automatic or Manual

Count Input Types and Maximum Frequency: INC, DEC, INC/DEC, INC/INC, UP/DOWN Max. 20kHz

x1 /x2 /x4: phase shifting (for encoder) counting; Maximum 10kHz

Output

Process Output: Relay (5A@250V~) Resistive load

Environmental Ratings and Physical Specification

Operating Temperature: 0-50°C

Humidity: 0-90%RH (non-condensing)

Protection Class: IP65 at Front, IP20 at rear