

## FEATURES

- Digital counter
- Counts impulses
- Count directions are down, increment and up
- Supply voltage of 24V
- Transistor input type
- Flying lead connection type
- 6-digit LED display
- Automatic and manual reset methods
- Panel mounting
- Relay output/interface
- Counter function
- Mechanical meter
- CE and GOST-R approved
- 8 mm, 13.2 mm digit height
- Maximum count frequency of 20 kHz

# RS PRO Counter Counter, 6 Digit LED, 20kHz, 24 V

RS Stock No.: 808-6636



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Regulate your automated electronic systems with this digital LED counter from RS PRO. Suitable for a wide range of counting applications, it can measure things like frequency and time accurately and efficiently. Use this versatile counter to tally the number of times a digital event takes place or just as an electronic device timer or clock.

With its clear 6-digit LED display and simple button configuration, this digital counter is extremely easy to use and to set up. The panel mount supplied is designed for fuss-free installation.

This counter is ideal for applications including measurement automation, packaging machinery and machine processing. It can count both up (incremental) and down (decremental).

## General Specifications

<b>Measurement Range</b>	0 to 99.99
<b>Minimum Measurement</b>	0
<b>Count Mode</b>	Impulses
<b>Maximum Count Frequency</b>	20kHz
<b>Display Range</b>	0 to 99.99
<b>Display Type</b>	LED
<b>Number of Digits</b>	6
<b>Digit Height</b>	8mm, 13.2mm
<b>Function</b>	Counter
<b>Meter Type</b>	Mechanical
<b>Reset Method</b>	Automatic, Manual
<b>Count Direction</b>	Down, Increment, Up
<b>Backlighting</b>	No
<b>Casing Colour</b>	Black
<b>Applications</b>	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

Function Characteristics:		
Number of Keys		4
Reset Function	Reset Type	Automatic or Manual
Counter Function	Range	0 to 99.99

### Electrical Specifications

Supply Voltage	24V
Connection Type	Flying Lead

Input Characteristics:	
Inputs	Switch, proximity, capacitive sensor or encoder can be connected
Input Type	INC, DEC, INC/DEC, INC/INC, UP/DOWN Max.
Sensor Type Selection	NPN or PNP can be selected
Reset Inputs	Switch, proximity or capacitive sensor can be connected
Pause Inputs	Switch, proximity or capacitive sensor can be connected
x1   x2   x4	phase shifting (for encoder) counting; Maximum 10kHz

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

### Mechanical Specifications

Mounting Type	Panel Mount
Cutout Size	96mm x 48mm
Cutout Height	96mm
Cutout Width	48mm
Depth	96mm
Weight	240g

### Operation Environment Specifications

Maximum Temperature	+50°C
Maximum Operating Temperature	+55°C
Minimum Operating Temperature	0°C
Humidity	0-90%RH (non-condensing)

### Protection Category

IP Rating	IP65 at Front, IP20 at rear
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### Approvals

Compliance/Certifications	CE; GOST-R Approved
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