

K192 Counter Module

LCD modules	Adding, 6 digits (DC)	K192
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Type K192 is a single channel counter module for PCB mounting, with a large voltage range of 8 up to 28 V DC and a 6-digit LCD display.

Extremely robust as a result of its wide temperature range, the module is ideally suited for use in many application areas.

Power supply	Max. count frequency	Input type	High shock resistance	Temperature range	PCB mount	LCD display	Electrical reset

Powerful

- Count frequency up to 100 Hz.
- 6-digits LCD display, 5 mm high.
- Low operating current.
- Wide operating voltage and temperature range.
- High shock and vibration resistance.

Simple

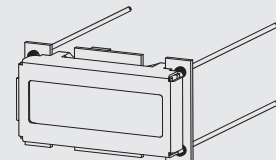
- Non-volatile memory (no battery).
- Single channel count input.
- Electrical reset.
- Very high reliability.
- Small size and very competitive price.

Order no.

Order no.
K192

Description
LCD PCB Mount Counter
8 to 28 VDC power supply

Delivery specification
· LCD counter module type K192
· Operating instructions



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Technical data

General technical data	
Display	6 digits, LCD display, figure height 5 mm [0.20"]
Data backup	EEPROM
Memory	CMOS EEPROM. non-volatile memory data backup up to 10 years (without battery)
Operating / working / storage temperature	-40°C ... +85°C [-40°F ... +185°F] (non-condensing)
Humidity	95 % rel +32°C [+90°F] for 2 hours

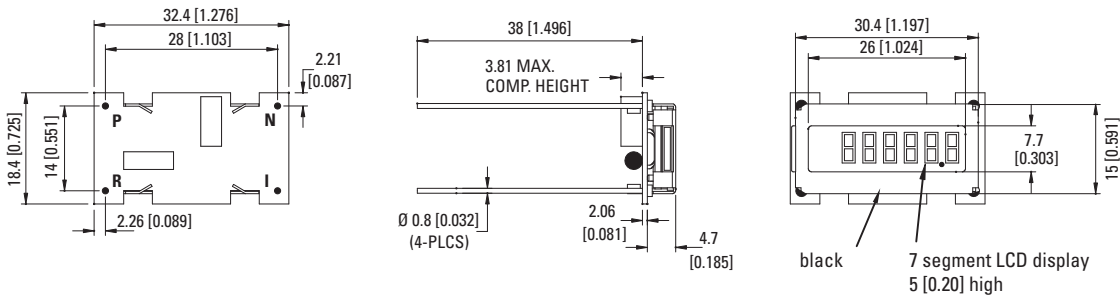
Inputs	
Count input max. counting frequency	8 ... 28 V DC 100 Hz
Reset input pulse length	8 ... 28 V DC min. 500 msec

Electrical characteristics	
Power supply	8 ... 28 V DC
Current consumption	max. 3 mA at 4.5 V DC 10 mA at 28 V DC
EMC standards	EN 55011 class B EN 61000-6-2, EN 61000-6-3, EN 61326-1, EN 61326-3-1
The module must be protected against inductive voltage spikes and high energy noise interference.	

Mechanical characteristics	
Housing	dimensions 18.4 x 32.4 mm [0.72 x 1.28"] color black
Weight	approx. 8 g [0.28 oz]
Vibration resistance acc. to EN 60068-2-6	10 ... 80 m/s ² , 10 ... 75 Hz

Dimensions

Dimensions in mm [inch]



Terminal assignment

