



Main

Range of product	Zelio Count
Product or component type	Multifunctional counter
Additional information	Tachometer Batch counter Preselection counter Chronometer
Display type	LCD
Size	48 x 48 mm
Display digits	6 digit(s)
Counting frequency	5000 Hz bi-directional counting 2500 Hz
Reset	Manual Automatic reset Electrical reset
Counting capacity	- 99 999...999 999

Complementary

[Us] rated supply voltage	115 V AC
Sensor power supply	12...24 V DC at ≤ 50 mA
Current consumption	50 mA at 115 V AC
Discrete output current	10 mA
Output type	Relay changeover reset response time: 5 ms 5...250 V AC, 0.01...1 A Relay changeover reset response time: 5 ms 5...30 V DC, 0.01...1 A Transistor PNP 12...24 V DC, 0.01 A
Preset number	2
Counting mode	Counting direction inputs (input resistance 5 kOhm) Differential inputs (input resistance 5 kOhm) Single counter input (input resistance 5 kOhm) Single counter with phase discriminator (input resistance 5 kOhm) Summing inputs (input resistance 5 kOhm)
Time range	0...99999.9 mn 0...99 h 59 mn 59 s 0...99999.9 s 0...99999.9 h
Minimum pulse duration	0.0001 s at 5000 Hz counting frequency

	0.017 s at 30 Hz counting frequency
Material	Self-extinguishing
Mounting mode	Flush-mounted
Mounting support	Panel mounting
Fixing mode	By self-locking clamp with setscrews
Connections - terminals	Screw terminal block
Analogue output range	5...30 V 5...250 V ≤ 10 mA 10...1000 mA 12...24 V
Discrete input type	NPN or PNP
Discrete output function	2 C/O
Discrete output number	2
Height	48 mm
Product weight	0.25 kg
Width	48 mm

Environment

Standards	EN 50081-2 EN 61010 EN 50082-2
Product certifications	CURus
IP degree of protection	IP65 conforming to IEC 60529
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...70 °C
Vibration resistance	1 gn conforming to IEC 60068-2-6 (f = 10...150 Hz)
Shock resistance	10 gn conforming to IEC 60068-2-27 for 18 ms
Electrical shock protection class	Class II conforming to IEC 60536

Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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