

Data sheet:

Web-Count 6x Digital

Web-based Pulse count acquisition with reporting, operation from the browser and data logging.

Count pulses from up to six signal sources. Send event- or time-triggered reports with information about the current counter states by mail for example. The browser-based operating software for the device's own Web server allows you to always keep an eye on the counter states and read out the integrated data logger for analysis and archiving purposes. Never lose count again!



Web-Count 6x Digital, #57652

Product properties:

- **Network connection:**
 - ◆ 10/100BaseT autosensing, RJ45
- **PoE (Power-Over-Ethernet):**
 - ◆ Phantom power using data pairs
 - ◆ Power provided by unused wire pairs (spare-pair power)
- **Supply voltage from external power supply:**
 - ◆ Supply from external power supply possible as an alternative to PoE
- **Web-based management**

- ◆ Configuration of the system parameters
- ◆ Definition of reports for counter state reporting
- **12 freely configurable reports**
 - ◆ Triggers: Each digital signal generator (input signal), counter states or time-triggered
 - ◆ Reporting: E-Mail, SNMP Trap, UDP- and TCP Client, Syslog Messages, FTP
- **6 digital industry-standard inputs as signal input**
 - ◆ Type 1, current sinking in accordance with IEC 1131-2
 - ◆ Galvanically isolated in 2 groups
 - ◆ Protected against polarity reversal
 - ◆ Counter function
- **Event storage in internal data logger**
 - ◆ 8MB non-volatile memory (approx. 1,000,000 counter events)
 - ◆ Consistent recording of data records using battery-backed clock
 - ◆ Recording of input and counter states
 - ◆ Changed counter value saved every 100ms
- **Operating software on integrated Web server**
 - ◆ Running software packet in each Web browser (no installation! No plug-in!)
 - ◆ Self-refreshing display of current counter states
 - ◆ Display of the logger contents
 - ◆ Export any data logger time windows into CSV files
- **Online Web interface language selection**
 - ◆ Deutsch
 - ◆ English
- **Conforms to standards both in office and industrial environments:**
 - ◆ Increased noise immunity for industrial areas
 - ◆ Stricter noise emission for residential and commercial areas



Wish for something!

Your suggestions for improvement and additions

	Input 0	Input 1	Input 2	Input 3	Input 4	Input 5
Ma 20 10:00	0	0	0	0	0	0
08:00:00 - 09:00:00	945	945	945	945	944	944
10:00:00 - 11:00:00	2742	2742	2741	2741	2742	2742
11:00:00 - 12:00:00	2742	2741	2742	2742	2742	2742
12:00:00 - 13:00:00	2742	2743	2743	2743	2743	2743
13:00:00 - 14:00:00	2743	2742	2742	2742	2742	2742
14:00:00 - 15:00:00	2741	2742	2742	2742	2742	2742
15:00:00 - 16:00:00	2743	2743	2743	2743	2743	2743
16:00:00 - 17:00:00	---	---	---	---	---	---
17:00:00 - 18:00:00	---	---	---	---	---	---
18:00:00 - 19:00:00	---	---	---	---	---	---
19:00:00 - 20:00:00	---	---	---	---	---	---

Table showing counters over a time range

The Web-Count 6x Digital makes it possible for you to acquire pulse counts from sensors with switching outputs and record them in the internal data memory with a time stamp.

With the Web-based operating software on the internal Web server you have full access to the device function from any browser in the network:

- Monitor absolute and relative counter states
- Read out the data logger (see Screenshots)
- Export the stored data (Destination: *.CSV file)
- Monitor utilization of the data memory

The software is self-refreshing, so that pages do not need to be reloaded in order to update the display. No installation or additional plugin is needed for running.

Once the device has received an IP address corresponding to your network, further parameter setting is also Web-based using configuration pages in the internal Web server.

Reports can be sent event- or time-triggered through a TCP/IP based network. The following methods are available:

- Mail
- SNMP trap

	15.10.08	16.10.08	17.10.08	18.10.08	19.10.08	20.10.08	21.10.08
10:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	00 2740
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	02 2741
11:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	04 2742
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	06 2743
12:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	08 2744
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	10 2745
13:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	12 2746
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	14 2747
14:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	16 2748
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	18 2749
15:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	20 2750
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	22 2751
16:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	24 2752
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	26 2753
17:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	28 2754
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	30 2755
18:00:00	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	32 2756
-	C0: 0	C1: 0	C2: 0	C3: 0	C4: 0	C5: 0	34 2757

"Schedule view": Week at a time comparison of the counter states from a time window

- FTP
- Syslog messages
- TCP and UDP client

These reports can provide the reporting time, the current status of the counters and the state of the six digital inputs. The texts can be formulated individually.

Technical data:

Network: 10/100BaseT autosensing, RJ45

Alarms: 12 reports for messaging over the network

Response times: Data exchange: typ. 12ms

Digital inputs: 6 x Digital In,

Max. input voltage +/-30 V

Protected against polarity reversal within this range

Switching threshold 8V +/- 1V

"On" current = 2.2 mA

Connections: 2x screw terminal for power (alternative to POE)

8x screw terminal for digital inputs

Counting frequency: 1000 edges or 500 pulses per second

Galvanic isolation: Digital inputs - network: min. 1000 V

Serial port: RS232 interface as an optional configuration access.

LEDs: - Status of the network connection

-Current input state

- Device status

Power supply: Power-over-Ethernet (PoE) or via screw terminal with

DC 24V-48V (+/-10%) or AC 18Veff-30Veff (+/-10%)

Storage temperature: -25°C-70°C

Operating temperature: 0°C-55°C when not row mounted

0°C-50°C when row mounted

Housing: Plastic housing for DIN rail mount

105 x 45 x 75mm (l x w x h)

Weight: approx. 190g

Delivery: 1 x Web-Count 6x Digital including operating software on integrated Web server

1 x Quick Guide









1 x W&T product CD



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Your suggestions for improvement and additions

Order now:

	Prod. no.	Unit price	
Web-Count 6x Digital	<u>57652</u>	398.00	
Power supplies (please order as needed as accessories)			
Switching power supply, 100-240V/50-60Hz - 24V/0.22A DC (D)	<u>11020</u>	19.00	
Switching Power Supply, 100-240V/50-60Hz - 24V/1A DC (D)	<u>11070</u>	39.00	
Switching Power Supply, 100-240V/50-60Hz - 24V/1A DC (USA)	<u>11071</u>	39.00	
Switching Power Supply, 100-240V/50-60Hz - 24V/1A DC (GB)	<u>11072</u>	39.00	
Switching power supply for DIN rail mount, 100-240V/50-60Hz - 24V/4.2A DC	<u>11077</u>	89.00	
Mechanical Accessories			
Mounting bracket for wall mounting	<u>58812</u>	9.98	
19" DIN rail	<u>58813</u>	19.00	
Software			
WuTility	<u>00104</u>	free	Download

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