







Data sheet:

## Web-IO Analog-In 0..20mA / 0..10V



Article no.: 57641

This device has been replaced by the expanded successor models [Web-IO 4.0 Analog-In/Out 2x 0/4..20mA, #57761](#), and [Web-IO 4.0 Analog-In/Out 2x 0-10V, #57762](#).

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Manual	
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Gather, monitor and archive analog measurement values over the Internet/Intranet

The Web-IO Analog-In model 57641 includes in one box all the functions you need to acquire, save and display your analog measurement values. Numerous alarm functions are also available which can be incorporated into your own applications or into existing systems as the user requires.

### Interfaces

- **1x Ethernet** 10/100BaseT autosensing
- **1x power input:** 0..20mA
- **1x voltage input:** 0..10V

### Management and connectivity:

- **Monitor measured values and trends from a browser**
- **Graphic display of the stored temperature values**
  - Chart display
  - Interactive display, user-scalable
  - Display of limit violations
  - freely selectable line color
- **Encrypted E-mail (SSL/TLS) for alarm or reporting functions**
- **SNMP measurement queries / alarm traps** for incorporating into your existing SNMP management system
- **Querying measured data with OPC**
- **Sensing alarms via syslog, TCP, SNMP, e-mail**
- **Archiving via FTP and W&T database tool [Sensobase®](#)**
- **Time synchronization via time server calibration**
- **Device language selectable German/English**
- **Additional software interfaces**
  - AJAX, JavaScript and Java applet
  - TCP and UDP sockets, client and server

### Power supply:

- **External**
  - Screw terminal connection 12V-24V AC/DC

### Standards & more

- **Conforms to standards both in office and industrial environments:**
  - High noise resistance for industrial environments
  - Low noise emission for residential and business areas
- **5 year guarantee**

## Connections and displays:

Network:	10/100BaseT autosensing IPv6 on request
Current input:	0..20mA, 100Ohm
Voltage input:	0..10V, 1MOhm
Galvanic isolation:	Measurement inputs to network: min. 500V
E-mail function:	Mail for sending alarms or as reporting function
Supply voltage:	DC 12V .. 48V (+/-10%) AC 12Veff .. 30Veff (+/-10%)
Current consumption:	AVG: 185mA @12VDC, 90mA @24VDC
Displays:	1 LED Power 1 LED Status 1 LED Error

## Measuring unit:

Resolution:	Current input: 2.5µA, voltage input: 1.25mV
Measuring error:	max. 0.5% FSR (Full Scale Range 0..20mA, 0..10V) $T_A = 0-60^{\circ}\text{C}$
Storage frequency:	1, 5, 15, 60 min
Memory depth (832k):	min. 79 days, max. 17 years
Deviation of the internal clock:	max. 4.32 min. / month (without time server calibration) max. 3 sec. (with time server calibration)
Measurement value acquisition (can be polled over the network and can generate alarms if desired):	2/second
Saving in the internal data logger	1/Minute

## Housing and other data:

Housing:	Plastic compact housing, 105x75x22mm (L x W x H)
Enclosure rating:	IP20
Weight:	approx. 200g
Ambient temperature:	Storage: -40..+70°C Operation: 0..+60°C
Scope of delivery:	Web-IO Analog-In (0..20mA, 0..10V) for DIN rail mount Product CD with WuTility management tool, OPC server, Programming examples for VB/Delphi, SNMP-MIB Reference manual in German/English

**Please order power supplies separately as accessories**



### We are available to you in person:

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