

Product Information

# Device Configurator ECI-1



- Can be used on site for:
  - parameter modification
  - firmware update
  - adjustment of inputs and outputs
- Can be connected via USB

## Characteristics

The device configurator ECI-1 is an interface which allows the connection of microcontroller-managed HONSBERG sensors to the USB port of a computer. Together with the Windows software "HONSBERG Device Configurator" it enables

- the modification of all the sensor's configuration settings
- the reading of measured values
- the adjustment of inputs and outputs
- firmware updates

## Technical data

<b>Supply voltage</b>	12..30 V DC (depending on the connected sensor) and via USB
<b>Power consumption</b>	< 1 W
<b>Connection</b>	
Sensor	cable bushing M12x1, 5-pole, straight length approx. 50 cm
Lead	device connector M12x1, 5-pole
USB	USB bushing type B
<b>Operating temperature</b>	0..50 °C
<b>Storage temperature</b>	-20..+80 °C
<b>Dimensions of housing</b>	98 mm (L) x 64 mm (W) x 38 mm (H)
<b>Housing material</b>	ABS
<b>Ingress protection</b>	IP 40

## Handling and operation

### Connection



The device configurator is intended for temporary connection to the application. It is connected between the the existing sensor lead and the sensor. Power supply is via the supply to the sensor and the computer's USB port. When inactive (no communication), the configurator behaves completely neutrally; all signals from the sensor remain available to the application. During communication between computer and sensor, the signal wirings are separated in the configurator, so that in this state the sensor's output signals are not available.

To connect 4-pole leads without a middle hole to the installed 5-pole device connector, adapter K04-05 is included. 4-pole leads with a middle hole can be used without an adapter.

## Ordering code

<b>Device configurator</b> (for scope of delivery, see the diagram below)	<b>ECI-1</b>
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### Scope of delivery

1. Device configurator ECI-1
2. USB cable
3. Adapter K04-05
4. Plug KB05G
5. Cable K05PU-02SG
6. Carrying case



### Incl. software

### Accessories:

<b>Mains connector 24 V DC</b> (with fitted round plug connector, 5-pole, incl. international plug set)	<b>EPWR24-1</b>
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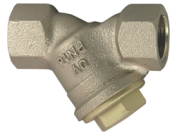
### Replacement parts:

<b>M12x1 adapter 4- / 5-pole</b>	<b>K04-05</b>
<b>PUR cable, 5-pole, shielded</b> with round plug connector M12x1	<b>K05PU-02SG</b>
<b>Round plug connector M12x1, 5-pole</b> (without cable)	<b>KB05G</b>

# Accessories

## Filter

Type ZV



Type ZE



The HONSBERG filters are offered for the protection of the devices from dirt or as independent components for coarse and fine filtration of liquids.

For more information, see additional product information.

## Panel meter OMNI-TA

Primary Sensors  
 0..10 V  
 4..20 mA  
 Frequency



Converter with the same data as the OMNI in situ electronics; but as an external panel-mounting variant with IP 67 housing.

## Round plug connector 4 / 5-pin



- |           |           |
|-----------|-----------|
| 1 → brown | 1 → brown |
| 2 → white | 2 → white |
| 3 → blue  | 3 → blue  |
| 4 → black | 4 → black |
|           | 5 → grey  |

### Ordering code

#### Self-assembly

1. 2.

KB

<b>1. Number of pins</b>	
04	4-pin
05	5-pin
<b>2. Connector output</b>	
G	straight
W	elbow 90 °

#### Packaged

1. 2. 3. 4. 5. 6.

**PU** -

<b>1. Number of pins</b>	
K	4-pin
K05	5-pin
<b>2. Cable material</b>	
PU	PUR
<b>3. Cable length</b>	
02	2 m
05	5 m
10	10 m
<b>4. Shielding</b>	
N	shielding not applied to coupling
S	shielding applied to coupling
<b>5. Connector output</b>	
G	straight
W	elbow 90 °
<b>6. Shielding</b>	
A	shielded