

# LCN-IV

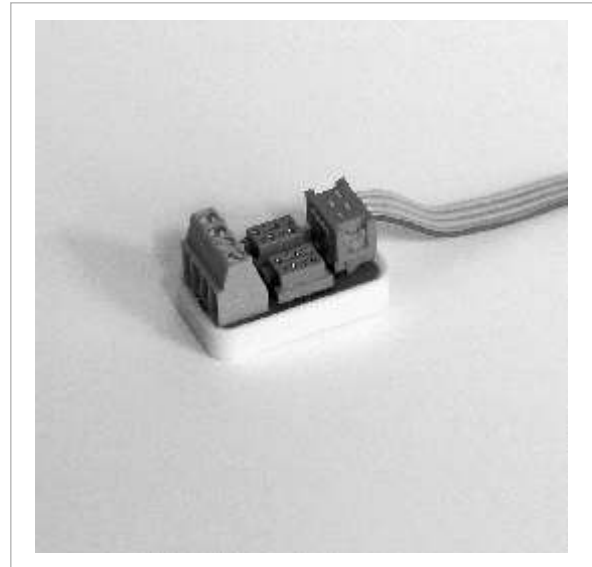
## I-Port Extension for LCN

### Functional Specifications:

#### Operating Programme:

As the LCN-IV serves as either an extension for the I-Port connector or as an adapter for further I - Port connections. It has no active function.

When used as an impulse counter it sends data to the intelligent bus module where it can be processed.



### Description:

The LCN-IV is used for multiplying the I-Port connection on an intelligent bus module. This allows for several sensors to be connected to the module.

By use of the screw terminals the LCN-IV can be coupled with a second LCN-IV. The IY(ST)Y 2x2x0,6 is recommended as the supply cable must not exceed a length of max.100m.

Alternatively, the LCN-IV can be used as an impulse counting device for fast signals (max. 500Hz, e.g. wind sensor).

### Hardware equipment:

Cable with plug for the I-Port connection to the intelligent bus module

2 free I-Port sockets for connection of further peripherals

Screw terminals for cable up to 0,8mm Ø

### Field of application:

The LCN-IV is used for connecting more than one sensor to an intelligent bus module and for separating the sensors locally from the module.

This allows for e.g installation of a remote-control receiver, a temperature sensor and a binary sensor at the same time all de-centrally located from the bus module .In doing so, each room has it's own functional unit (e.g lighting, alarm system and temperature regulation).

Additionally the LCN-IV allows sensors to be strategically placed, useful when considering e.g heat radiated from lights, field of view etc.

### Note:

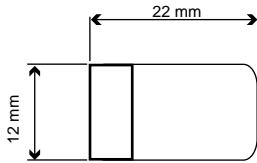
When used as an impulse sensor, further I-Port connections are not possible.

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### Measurements:

**Dimensions** (W x L x H): 22 mm x 12 mm x 13 mm  
**Supply Cable:** 300mm



### Technical Data:

**Connection:**  
**Wiring option:** for screwing  
**Conductor type:** massive or multi-phase (max. 0,5mm<sup>2</sup>), with and without insulated pin terminals

**Cable length:** max. 100m

**Ports:**  
**T-Connection:** not available  
**I-Connection:** available, 2-way  
**P-Connection:** not available

**General Details:**  
**Operating temperature:** -10°C to +40°C  
**Humidity:** max. 80% rel., no condensation  
**Environmental conditions:** stationary installation according to VDE 632, VDE 637

**Safety classification:** IP 20

### Assembly:

De-centralized installation in deep boxes on the LCN-UPP

### Circuit Diagram

