



**Well measured!**

## Precise length measurement on-site

On a mountain hike or for your measurement process:  
it is better to measure a gap from close up.

To ensure precise and fail-safe length measurement on-site,  
choose the new Ethernet I/O modules MSX-E-370x by ADDI-DATA.

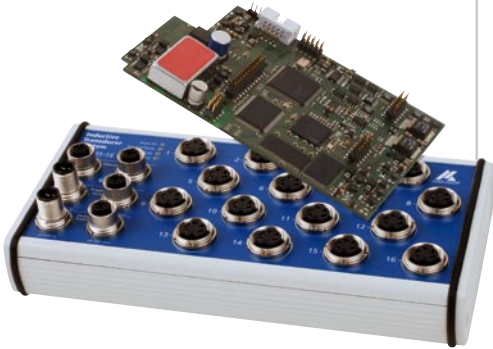


**Ethernet I/O modules MSX-E-370x:  
the smart way to measure lengths**

[www.addi-data.com](http://www.addi-data.com)



**ADDI-DATA®**



**Precise, simultaneous data acquisition on-site**

**Direct connection of all commercially available transducers**

**Dynamic measurement (encoder-trigger)**

**Saves space and reduces heat emission**

**Fit for industrial use thanks to normed degrees of protection (IP 65 or IP 40)**



With the new Ethernet I/O modules MSX-E3701 and MSX-E3700 you can connect your transducers (half-bridge or LVDT) directly and acquire your data fast and precisely on-site.

**Your advantage: simultaneous acquisition and encoder-trigger**

You can synchronise the modules and cascade the external trigger signal (hardware trigger) from one module to the next. The combination of synchronisation and cascading of the trigger signal allows you to acquire data from several modules simultaneously and to trigger the transducer acquisition through an encoder.

**High protection in rough industrial environment**

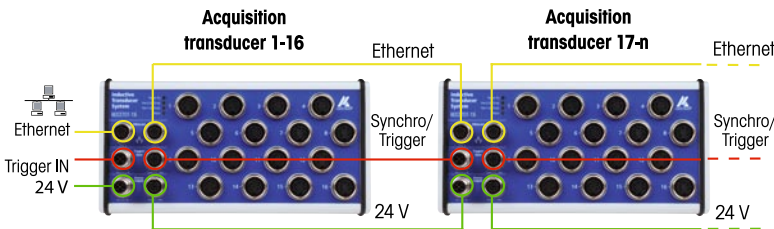
The I/O modules are available in the degrees of protection IP 65 or IP 40 and therefore ensure a smooth operating in rough environment.

**Save time with free software package**

With the extensive software package, you save time when connecting the modules and once again when commissioning them:

- Direct access from the PC for all operating systems supporting SOAP and Socket
- Drivers for Windows XP and 2000, samples
- Calibration and update tool for selecting the transducers and testing the channels

**The synchronization principle:**



**Versions and degrees of protection**

Versions	Number of transducers	Transducers	Degrees of protection
MSX-E3701-HB-16	16	Half-Bridge	<b>MSX-E3701: Degree of protection IP 65</b> Protection against a water jet directed at the enclosure from any direction. Protection against the penetration of dust. Total protection against contact (dust-proof).
MSX-E3701-HB-8	8		
MSX-E3701-HB-4	4		
MSX-E3701-LVDT-16	16	LVDT	
MSX-E3701-LVDT-8	8		
MSX-E3701-LVDT-4	4		
MSX-E3700-HB-16	16	Half-Bridge	<b>MSX-E3700: Degree of protection IP 40</b> Protection against the penetration of foreign bodies with a diameter greater than 1 mm.
MSX-E3700-HB-8	8		
MSX-E3700-HB-4	4		
MSX-E3700-LVDT-16	16	LVDT	
MSX-E3700-LVDT-8	8		
MSX-E3700-LVDT-4	4		

**Online information**

Learn more about the Ethernet I/O modules MSX-E3701 and MSX-E3700 at [www.addi-data.com](http://www.addi-data.com)

**Your partner for interference-free measurement**

The company **Addi-Data**, located in the German Federal State Baden-Württemberg, develops and sells Embedded solutions and PC measurement boards for industrial measurement and automation.

**Product range:**

- Embedded systems
- Ethernet I/O modules
- PC measurement boards: digital I/O, 24 V, multifunction counter boards, analog and multifunction boards, boards for the acquisition of transducers, strain gauges and Pt100 / thermocouples, 1- to 8-port communication boards, motion control boards.

All products are delivered with free drivers, adequate accessories (cables, screw terminal panels) are available.