

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 MX-370x
by ADDI-DATA.

**Ethernet I/O modules MX370x:
the smart way to measure lengths**

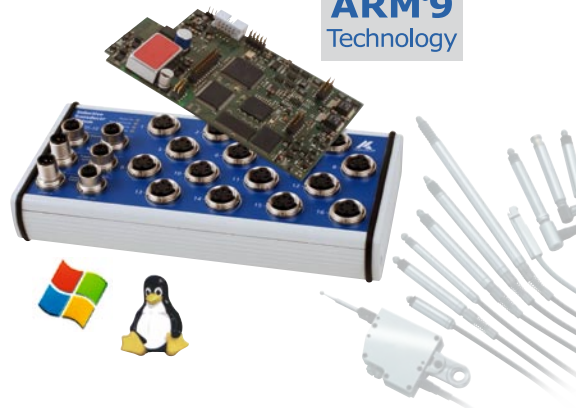




Ethernet I/O modules for the acquisition of displacement transducers

ARM⁹
Technology

- Precise, simultaneous data acquisition on-site
- Direct connection of all commercially available transducers
- Dynamic measurement (encoder-trigger)
- Spares space and reduces heat emission
- Fits for industrial use thanks to normed protection degrees (IP 65 or IP 40)



With the new Ethernet modules MX3701 and MX3700 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 against rough industrial environment

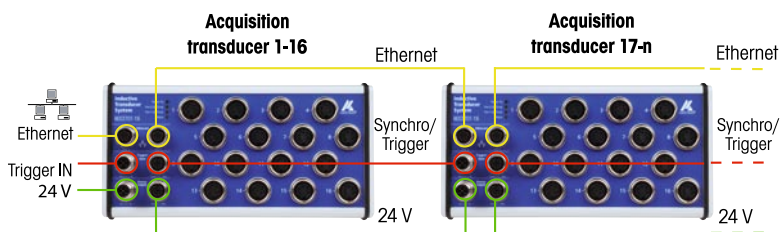
The I/O modules are available in the degrees of protection IP 65 or IP 40 and therefore ensure a smooth operating in rough environment.

Spare time with free software package

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

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

The synchronisation principle:



Versions and degrees of protection

Versions	Number of transducers	Transducers type	Degrees of protection
MX3701-16-HB	16	Half Bridge	MX3701: Degree of protection IP 65 Protection against a water jet directed at the enclosure from any direction. Protection against the penetration of dust. Total protection against contact (dust-proof).
MX3701-8-HB	8		
MX3701-4-HB	4		
MX3701-16-LVDT	16	LVDT	
MX3701-8-LVDT	8		
MX3701-4-LVDT	4		
MX3700-16-HB	16	Half Bridge	MX3700: Degree of protection IP 40 Protection against the penetration of foreign bodies with a diameter more than 1 mm.
MX3700-8-HB	8		
MX3700-4-HB	4		
MX3700-16-LVDT	16	LVDT	
MX3700-8-LVDT	8		
MX3700-4-LVDT	4		

Online information

[Click here and learn more about the I/O modules MX3701 and MX3700.](#)

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.