



CMM

Measurement box



Main features

- *Up to 4 analog inputs*
- *Display on computer via Labview interface*
- *Customizable interface*
- *12 - 14 or 16 bits Resolution*
- *Data transfer in a spreadsheet*
- *Supply : 220V*

INTRODUCTION

The CMM measurement box allows to measure electrical and physical quantities (such as distances, forces, pressures, accelerations, couples), to display them on a computer and record these values in a spreadsheet.

MAIN FEATURES

Sensor	
Analog inputs	Up to 4 inputs
Input signal	4 ... 20 mA / 0 ... 10 V
Resolution	12 - 14 or 16 bits
Power supply	220V
Connectique d'entrée capteur	Connecteur M16 - 8 broches DIN
Output connector	USB type B Connector
Box material	Anodized aluminum

MATERIAL PROVIDED

Measurement box



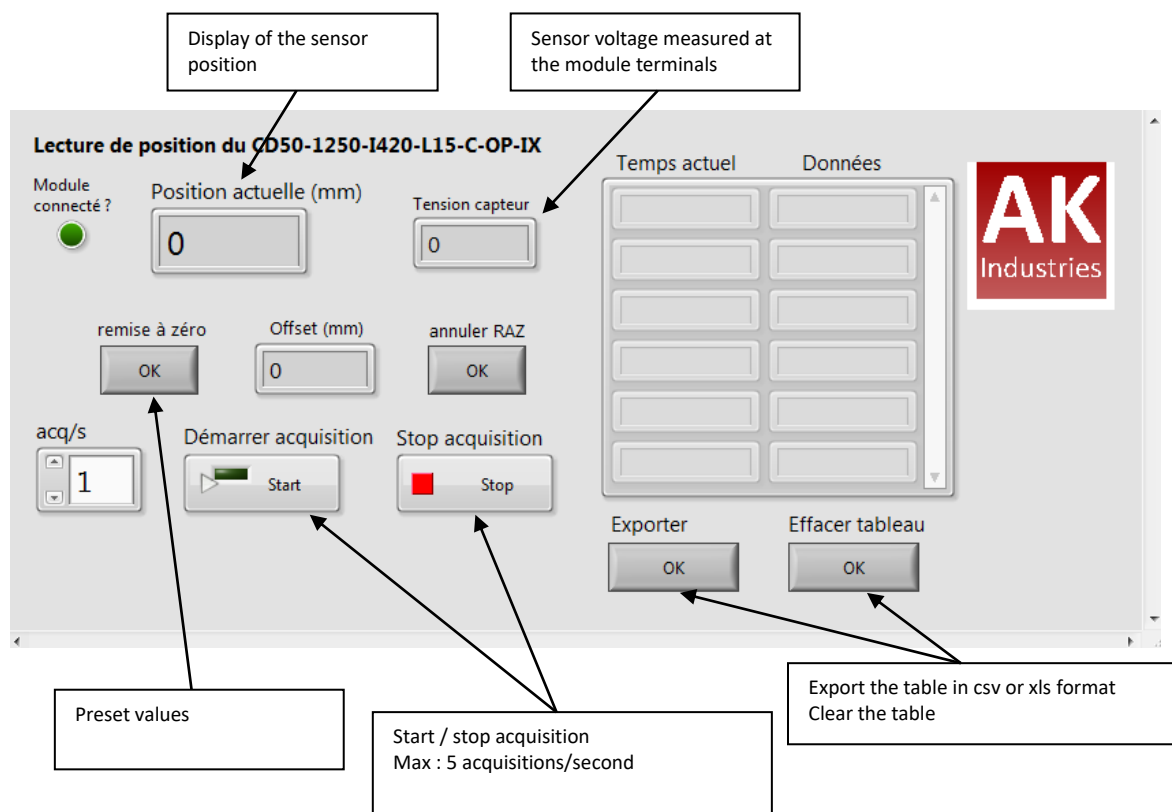
Supply cable



USB Cable
USB A male to USB B male



INTERFACE

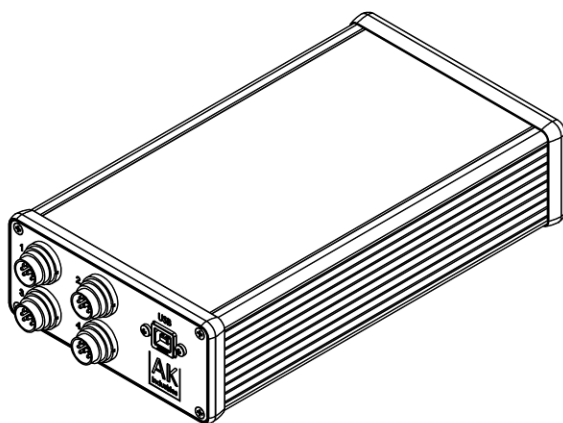
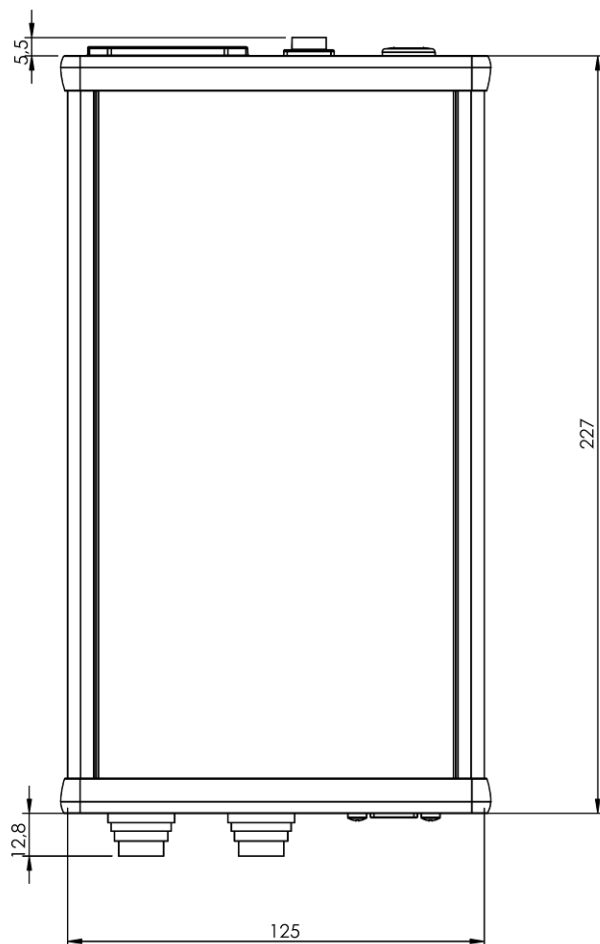


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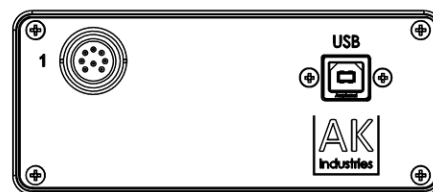
e-mail: gl@ak-industries.de

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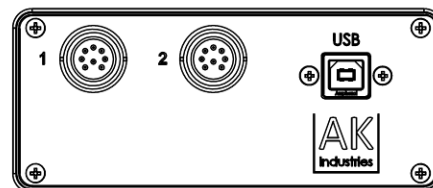


FRONT FACE

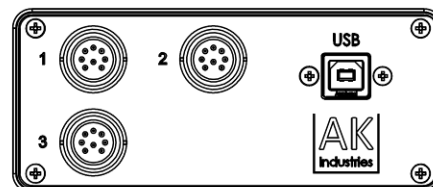
1 analog input



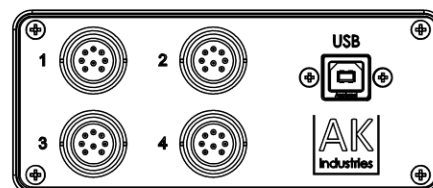
2 analog inputs



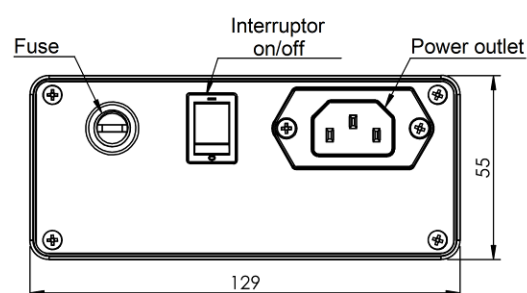
3 analog inputs



4 analog inputs



BACK FACE



Connection cable sensor/measurement box

Cable length	Sensor with M16 connector 4 ... 20mA output	Sensor with M16 connector 0 ... 10V output	Sensor with M12 connector 4 ... 20mA output	Sensor with M12 connector 0 ... 10V output
2 m	RAL-M16FD/M16FD-I420-002	RAL-M16FD/M16FD-U010-002	RAL-M16FD/M12FD-I420-002	RAL-M16FD/M12FD-U010-002
5 m	RAL-M16FD/M16FD-I420-005	RAL-M16FD/M16FD-U010-005	RAL-M16FD/M12FD-I420-005	RAL-M16FD/M12FD-U010-005
10 m	RAL-M16FD/M16FD-I420-010	RAL-M16FD/M16FD-U010-010	RAL-M16FD/M12FD-I420-005	RAL-M16FD/M12FD-U010-010
				

Shielded counter-connectors to assemble

	Straight female connector M16 8 pins DIN Ref : 5100-026	Straight female connector M12 Code A - 4 pins Ref : 5100-065
Ingress protection	IP67	
Temperature of use	-25 ... +90 °C	
Connection	To solder	Screw clamp
Cable diameter	Ø4 to Ø6 mm	
Conductor	0.14 ... 0.34 mm ²	
	Good resistance to oil and chemicals	
		

ORDERING REFERENCE

