MICRO-EPSILON

More Precision

capaNCDT // Capacitive sensors for displacement, distance & gap

Compact multi-channel controller for OEM
capaNCDT 62x9

- Controller with 2, 4 or 8 channels
- Ethernet / EtherCAT interface
- Supports triggering and synchronization
- Robust, industrial housing with extremely compact design
- Excellent price-performance ratio for OEM series

designed for advanced
O|E|M

The capaNCDT 62x9 is a capacitive OEM displacement measuring system that stands out due to its favorable price-performance ratio and its compact design. The measuring system consists of a controller and one or two demodulators, each capable of handling up to four sensors. The capaNCDT 62x9 is compatible with all sensor models from Micro-Epsilon.

Ultra-compact controller for multi-channel applications

With a demodulator and four measuring channels, the controller is about half the size of a standard controller with the same number of channels. With two demodulators and up to 8 measuring channels, the space savings are even greater. The controller has a rugged aluminum housing and can be used as a benchtop unit or mounted on a DIN rail using an adapter.

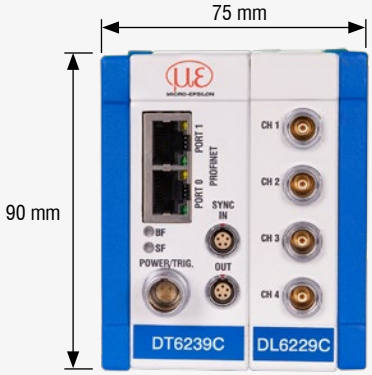
The Ethernet interface integrated in the DT6229 controller allows for easy configuration via a web browser. With the integrated EtherCAT interface, the DT6239 offers an additional feature and the possibility to synchronize multiple controllers.

Controller type 62x9	Demodulator DL 6229
Resolution static	0.0004 % FSO
Data rate (digital output)	max. 3.906 kSa/s
Linearity (typ.)	≤ ±0.02 % FSO
Sensitivity deviation	±0.1 % FSO
Long-term stability	≤ 0.02 % FSO / month
Temperature stability	200 ppm/K

A measuring system consists of:

- Controller DT62x9
- Demodulator DL6229
- up to 4x sensor
- up to 4x sensor cable
- Power supply cable
- Ethernet cable / EtherCAT cable

DT6229 with 2 or 4 measuring channels

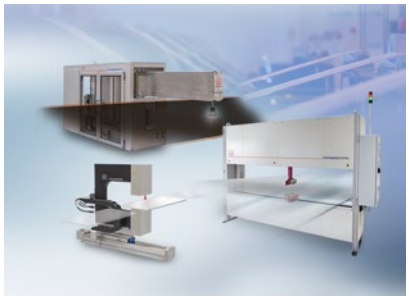


DT6229 with 6 or 8 measuring channels

Sensors and Systems from Micro-Epsilon

Sensors and systems for displacement, distance and position

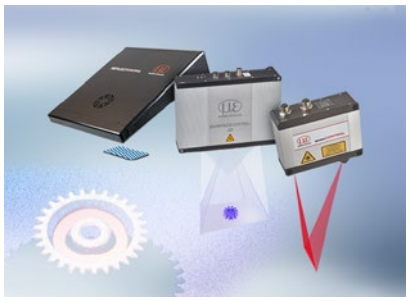
Sensors and measurement devices for non-contact temperature measurement



Measuring and inspection systems for metal strips, plastics and rubber

Optical micrometers and fiber optics, measuring and test amplifiers

Color recognition sensors, LED analyzers and inline color spectrometers



3D measurement technology for dimensional testing and surface inspection

Modifications reserved / Y9766319-I012066GKE

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