



PACK EXTENSO DELTA L+

Monitoring convergence measurement





With the Extenso DELTA L+ pack, you can turn your sensor into a convergence meter.

The DELTA L+ extenso pack allows you to take accurate displacement measurements over long distances.



Compact & Durable

Polycarbonate / IP66



Precise

0,01 mm / 1°C
Course 25 mm



Plug & Play

Easy to use and install



Autonom

Battery 3,6 V - 2,6 Ah



Connected

LPWAN or
Bluetooth network

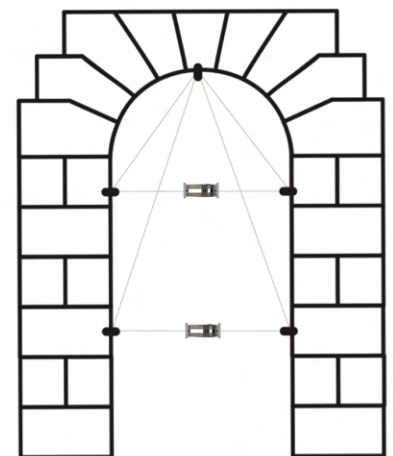
See the features of the DELTA L+

When should convergence measurement be used?

The different contexts

The convergence measure applies to various contexts, such as:

- Monitoring the evolution of an arch
- Measuring the behaviour of vertical walls
- Monitoring the deflection of a floor
- Monitoring cracking or movement between two walls of a tunnel
- Monitoring a structure or building during construction work
- Short-, medium- or long-term preventive maintenance/servicing
- During demolition work



The Extenso DELTA L+ pack allows you to transform your sensor into a convergence meter.

The DELTA L+ extenso pack allows you to take accurate displacement measurements over long distances.

The Extenso pack consists of a metal cradle and springs to ensure continuous and optimal tension of the INVAR wire.

The patented design and system of the DELTA L+ sensor with its Extenso pack make it easy to install.

The Extenso pack consists of a metal cradle and springs to ensure continuous and optimal tension of the INVAR wire.

Composed of 64% iron and 36% nickel, this guarantees low expansion and contraction movement in relation to temperature.

The aim is to ensure the highest accuracy in measuring movements between two points 0 to 20 metres apart.

Finally, once activated, the LINKFEEL service automatically transmits data to the secure FEELBAT cloud via the LPWAN radio network, combining low power consumption, long range and reliable communication.

**** If you need more INVAR wire, please contact us! ****

SIMPLE AND EASY TO INSTALL

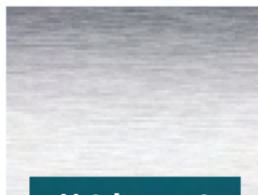
01 Suitable for all types of materials



Hollow support



Brick support



Metal support



Wooden support



Stone support

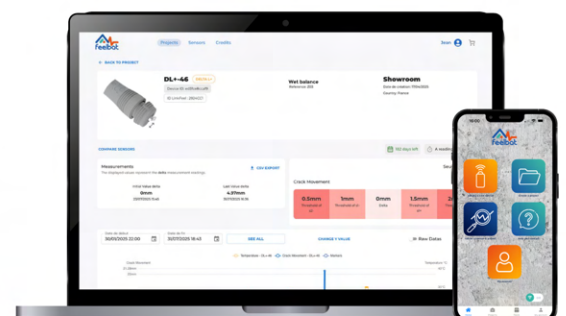
02 The Extenso Pack fasteners



03 View your data in real time and remotely

Install your sensors, configure them, and monitor your structures in real time wherever you are. Receive alerts if a predefined threshold is exceeded, for effective prevention and optimal security.

Edit PDF reports in just a few clicks!



Our other products



DELTA L Expert Pack

The DELTA L Expert is a comprehensive crack meter that allows you to **monitor cracks on three axes** with high precision. The gauges can be fixed with a hammer-in plug or two-component adhesive. Simply take your measurements and enter them into the app for regular monitoring.

Opening - Shearing - Misalignment



DELTA L+

The DELTA L+ is a **connected electronic sensor** that allows you to **monitor a crack** with high precision and autonomy.

It allows you to monitor crack movements nearby or remotely, as well as the outside temperature, from your smartphone.

Opening - Shearing - Angle measurement - Misalignment



DELTA R

The DELTA R is a connected dual-axis tilt sensor that allows you to **monitor the tilt movement of walls or structures** with high precision and autonomy.

It allows you to monitor tilt movements on both axes as well as the external temperature from your smartphone.

Two measurement axes: Y - X



DELTA L+ mini

The DELTA L+ MINI provides autonomous and accurate crack monitoring, while assessing the impact of solar exposure on the cracked substrate.

It can be installed in seconds using adhesive, without drilling.

The smallest connected crack sensor in the world!



DELTA X-Hs

The DELTA X-Hs is a connected sensor equipped with an electronic probe for **measuring soil moisture with high accuracy and autonomy**.

The probe, which is buried at the foot of structures, provides relevant data for effective diagnostics in the field of clay shrinkage and swelling.

The most functional choice for the RGA



DELTA X-P

The X-P sensor, a piezometric sensor, allows automatic monitoring of the groundwater level.

The piezometric probe is equipped with a reinforced cable with waterproof connectors and an atmospheric correction system.

X m reinforced cable (several cable lengths available)



**If you crack...
you FEELBAT**

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