

PRESS RELEASE

PRODUCT NEWS:

KELLER 35HTCX – Piezoresistive High-Temperature Pressure Transmitter

This high-temperature pressure transmitter from the KELLER 35HTCX series was specially developed for use in challenging conditions in which the median temperature can reach up to 300°C. The pressure transmitter is based on tried-and-tested X-line technology, which ensures maximum precision and exceptional long-term stability.

The 35HTCX series' unique cooling coil not only transfers pressure, but also ensures the thermal isolation of the electronics from the measuring medium. This means that all temperature-critical components are kept at a sufficient distance from the medium, protecting against high temperatures.

The 35HTCX series standard model has a G1/2 thread as a pressure connection. Digital compensation enables accuracies of 0.5 %FS using mathematical models. In addition to the digital RS485 interface, the pressure transmitters have a scaleable, analog current and voltage output.

The 35HTCX pressure transmitter is the ideal solution for areas of application where the focus is on temperature resistance and measurement accuracy. It is used in biotechnology, process technology and research and development.

The KELLER 35HTCX offers:

- The capability to be used for medium temperatures of up to 300 °C
- Cooling coil for pressure transfer
- Thermal isolation of the electronics from the medium
- Maximum accuracy and excellent long-term stability
- RS485 interface can be combined with analog interface
- Analog interface scaleable via RS485 interface

Author: Manuel Boller-Berger, Product Management, KELLER Pressure

Sources

(Must be indicated in each publication; it is sufficient to ensure visibility on photographs or provide abbreviations without asterisks.)

Image 1, KELLER 35HTCX Pressure Transmitter © KELLER Pressure

