

PRESS-RELEASE



KELLER

AG für Druckmesstechnik
St. Gallerstr. 119
8404 Winterthur
(Switzerland)

Phone +41-(0)52 235 25 25
Fax +41-(0)52 235 25 00

E-Mail info@keller-druck.com
Web www.keller-druck.com

Crevice-free compact pressure transmitter for industrial and automotive applications

With the Series 22 S and 22 M, Keller AG für Druckmesstechnik, Winterthur (Switzerland), has introduced a wide range of pressure transmitters that are totally crevice-free after assembly. The brazing technique that the company has developed has made the use of internal O-ring seals obsolete for many applications.

The parts that come into contact with the media are made from stainless steel (AISI 316L) in the Series 22 S transmitters. In the Series 22 M the steel piezoresistive pressure measuring cell is brazed to the brass pressure connection using a nickel diaphragm. Brazing in tunnel furnaces has considerable cost advantages in comparison to the usual electron beam welding at measuring ranges up to 250 bar.

The Series 22 pressure transmitters are available in finely graduated pressure ranges from 5 bar to 250 bar sealed gauge. Absolute transmitters with a vacuum reference are available in ranges up to 30 bar.

Version PA-22 M is approved by various car manufacturers as E4-110R-000036 or E4-10R-020927 with absolute measuring ranges up to 250 bar. The outstanding vibration resistance and EMC resistance of the industrial models of the Series 22 also make them highly suitable for application on cars that demand extreme robustness.

Output signals with different voltage and current formats are available for any application area, be it in cars or industrial environments. The supply voltage can be either 5 V (fixed) or 8 to 28 V (variable). The electrical connection is compatible with the Packard connector that is a standard used in the automotive industry.

