

Press release

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Area: Fluid sensors

Topic: Pressure switch wins the innovation award 2004

The compact PK pressure switch was awarded the innovation prize "Léonards – Grand Prix de l'Innovation 2004" on the occasion of the "Grand Prix de l'Innovation de la Performance Industrielle" in Paris. Among 26 nominated products and solutions the jury announced the ifm sensor to be the winner in the category "Measuring tools, sensors, field buses".

It is the first electronic pressure switch with the innovative "easy turn" operating concept. Using 2 setting rings the switch point is set in the units "bar" or "PSI".

Due to the high vibration resistance of 20 g and shock resistance of 50 g the unit is particularly robust.

Strain gauges in thick-film technology on a welded measuring cell enable over 50 million reliable switching cycles.

The PK pressure switch offers many advantages for set-up and maintenance in all areas where fluids are used (hydraulics, pneumatics, gas, water, industrial fluids, oils, refrigerants, etc.).

Assessment of the jury: "This switch is suitable for many fluids, its technology and development guarantee excellent shock and vibration resistance. Therefore it can be used in a variety of applications as easily as never before."

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