

R-1 pressure sensor now fully CO₂ compatible

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Due to its environmental compatibility, CO₂ is increasingly establishing itself as a refrigerant in industrial applications. Thus, the model R-1 pressure transmitter from WIKA, tailored to the needs of refrigeration and air-conditioning technology, now also offers complete compatibility with the requirements of CO₂ refrigeration plants.

With this instrument, designed specifically for refrigeration systems, pressures from 100 to 160 bar, which are typical for CO₂ applications, can also be covered. The hermetically welded measuring cell reduces the likelihood of leakage to zero. Its thin-film sensor, made using sputtering technology, distinguishes itself with its high long-term stability and excellent overpressure safety.

The compact R-1, with its robust design and gasket-free process connection, has been proven in applications with traditional refrigerants for a long time. In addition to its high medium temperature range and its excellent performance, the transmitter features an attractive price/performance ratio.

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WIKAI company photograph:
Pressure transmitter R-1



press release

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