

## Pressure transmitter for refrigerant applications – Type 560

The new pressure transmitter Type 560 is based on proven stainless steel sensor technology and is ideally suited for a wide range of applications involving refrigerants and media classified under safety classes A2L and A3.

The Type 560 is characterised by its hermetically sealed construction, ensuring outstanding performance and safety. This feature makes it particularly suitable for applications where safety in handling flammable refrigerants is of utmost importance. With its range of pressure connections, it can be optimally integrated into various applications. Particularly noteworthy is the variant with the copper soldering tube, allowing direct integration into the piping system of refrigerant and heat pump applications.

The factory hermetic welding of the copper tube to the steel body of the sensor ensures excellent solder joint quality and contributes to improving system safety. Simultaneously, assembly productivity is optimized by the reduced soldering time.

### **Among the outstanding features of the pressure transmitter Type 560 are:**

- Hermetically welded construction without elastomer seal: Ensuring reliability and resistance to the requirements of different media
- 100% leak test with helium during manufacture: Comprehensive leak testing is carried out during the production process to ensure quality and compliance with DIN EN ISO 14903:2017-12
- Surface temperature in proper operating and fault conditions, evaluated according to DIN EN 60335-2-40: This ensures in the final application that the sensor does not pose a potential ignition source
- Two-coloured connector design: To visually mark and easily identify different pressure areas in the application, the connector is available in two colours
- Reduction of installation-related signal offset thanks to force-decoupled measuring element: The design minimizes interference during assembly, increasing the accuracy and reliability of the pressure transmitter

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### **About Huba Control AG:**

*Huba Control AG is one of the leading manufacturers of precision pressure and flow sensing components. With our extensive technological expertise, we develop and produce high-quality pressure switches, pressure and flow sensors. Our market-oriented solutions and innovative products make a significant contribution to the conservation of energy resources and the reduction of pollutant emissions.*

*Since 1945, we have been known for our collaborative partnership with customers, individual accountability, transparent communication, and team spirit – values that shape our corporate culture.*

Picture



Caption: Highest safety with combustible refrigerants: The pressure transmitter type 560 has been specifically designed for applications with combustible refrigerants to meet the highest safety standards