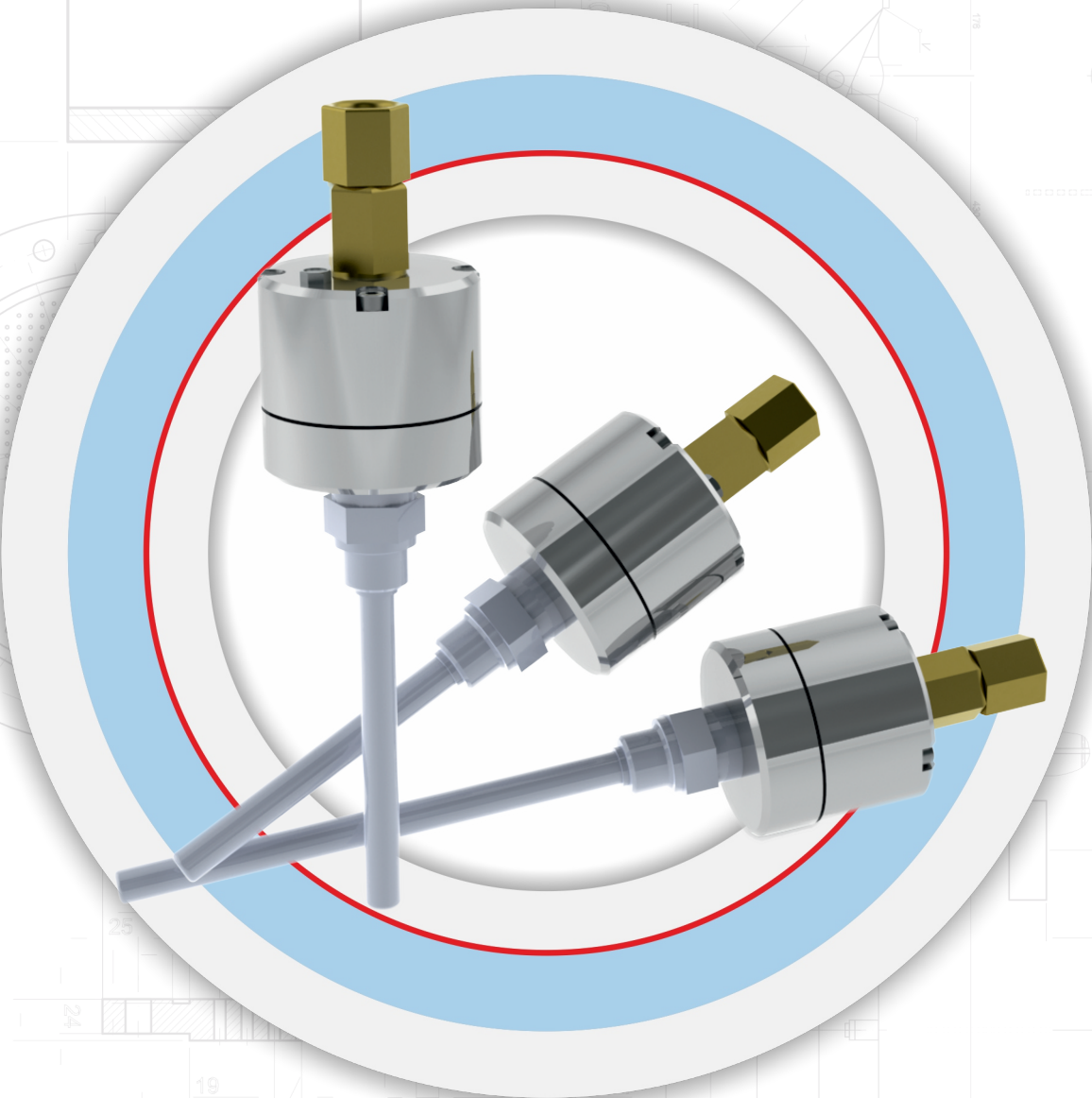


Temperature sensor CT-01/IMK



The CT temperature sensors are equipped with PT-100 type measurement components that make it possible to measure temperatures of the media between $-20\text{ }^{\circ}\text{C}$ and $+130\text{ }^{\circ}\text{C}$ at pressures as high as 4 MPa. The casing of the sensors is made from acid-resistant steel. The sensors are also made in intrinsically safe versions cat. I M1, protection rating IP54, with different lengths of the measurement plunger. Optionally, the sensor can be equipped with a measuring transducer with 4 - 20 mA input signal or with an LCD display with an external power source.

Technical parameters

Measurement class	B
Measurement range	-20 to +130 °C
Shield type	stainless steel
Dimensions	plunger diameter: from 10 mm plunger length: from 60 mm
Connection conduit	2-, 3- or 4- wire
Max. measurement current	4 mA
Max. pressure	4 MPa
Protection rating	Ip54
Connection thread	as required
Output signal (option)	current loop 4 - 20 mA
Internal power source time of operation	2 years