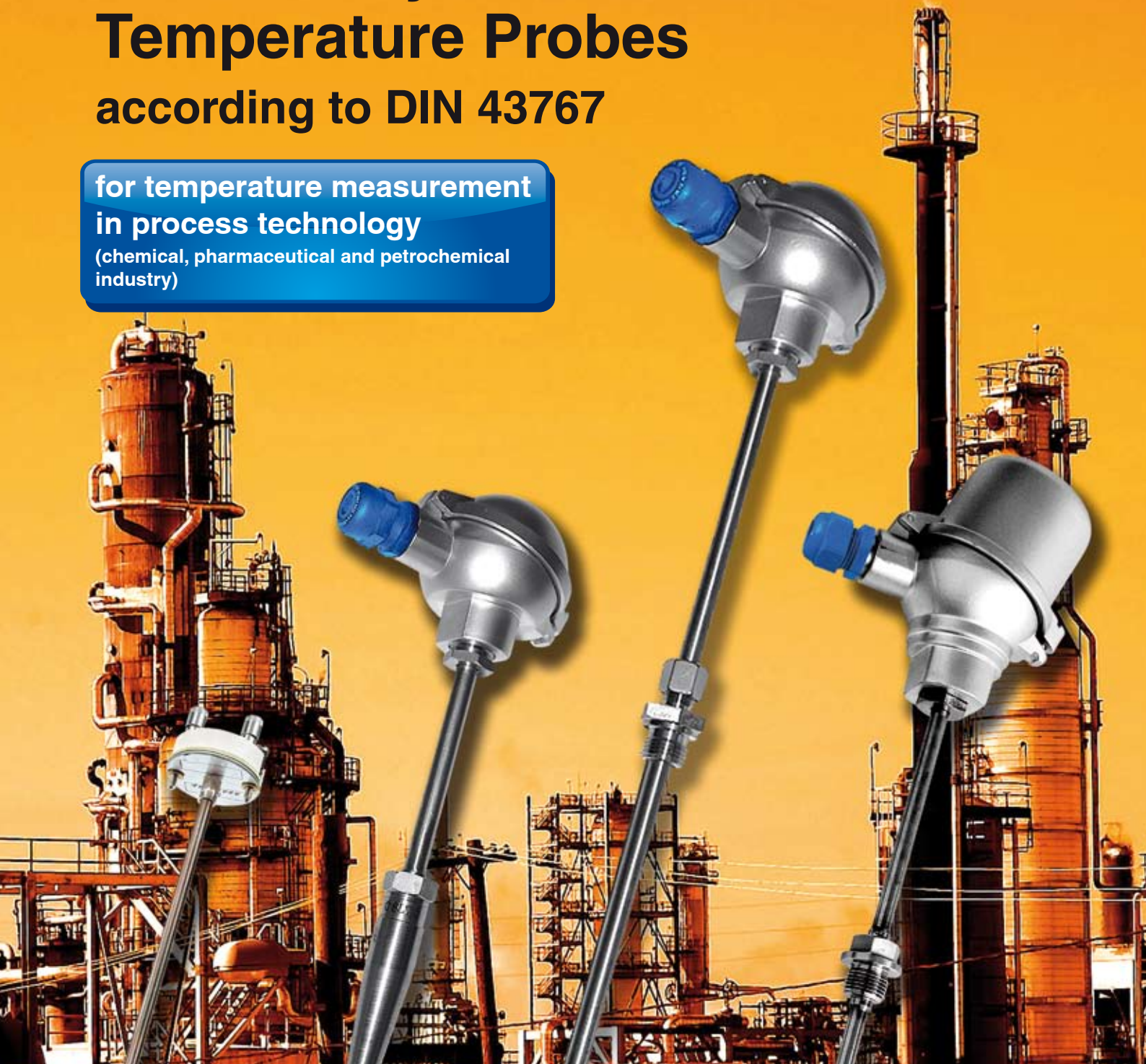


H. Heinz Meßwiderstände GmbH

Intrinsically Safe Temperature Probes according to DIN 43767

for temperature measurement
in process technology

(chemical, pharmaceutical and petrochemical
industry)



www.messwiderstaende.de

Intrinsically Safe Temperature Probes according to DIN 43767

Intrinsically Safe Temperature Probes are used for process technology (chemical, pharmaceutical and petrochemical industry). These Temperature Probes can be used in explosive endangered areas with combustible gases and steams of the group up to IIC.

Intrinsically Safe Temperature Probes consist of a replaceable measuring insert, a connection head and a weld-in sleeve.

Technical Data:

Temperature sensors:	Pt 100 Ω , Thermocouple Types K, J, L, N or T, other versions on request
Weld-in sleeve:	according to DIN 43763, deep-hole-drilled up to 1.5m, Stainless teel 1.4571, 1.4541, 1.4404, 1.4305; Special materials: Hastelloy, Titanium, Inconel etc.
Measuring circuits (Pt100):	2-, 3- or 4-wire circuits
Temperature range:	-200°C to +800°C
Measuring insert:	Mineral insulated, vibration-proof
Connection head:	Types XI-NS, XI-DSN, XI-DSNW, XE-DANA, XE-DANAW; Material: PA12 / Aluminum

Certifikates:



PTB



GOST (Russland)



TÜV



SIL



DNV

Probe Marking ATEX:

- II 1 G EEx ia IIC T6 or
- II 1/2 G Ex ib IIC T6 or
- II 2 G Ex ib IIC T6

