



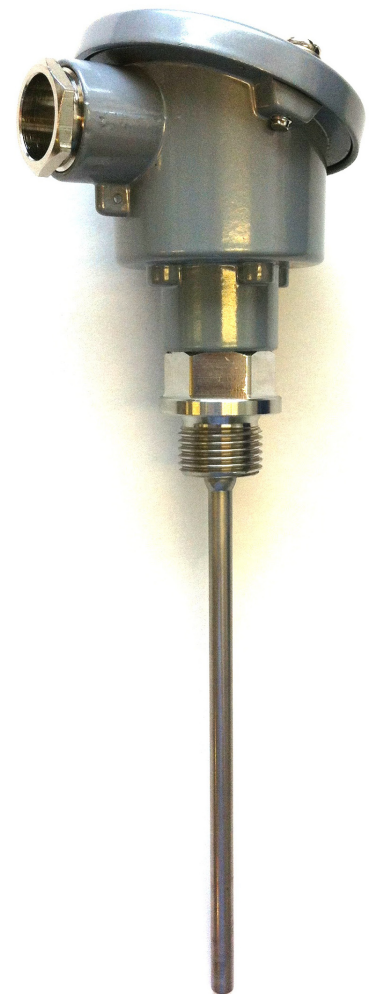
Resistance Thermometer TE 116

Application

Measurement of temperatures in gases, vapours and liquids, e.g. in closed pipelines and containers in low-pressure range.

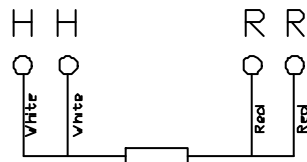
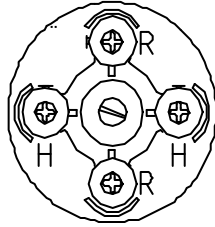
Technical specification

Measuring insert	Fixed, acc to IEC 751, 1 x Pt-100 or Pt-1000, Class /DIN B
Protecting tube	
Form B	Acc to DIN 43763
Tube	6 mm x 1 mm
Length	75 - 500 mm
Material	Stainless steel
Connection head	
Form B	Acc to DIN 43729
Material	Light alloy metal
Protective rating	IP54
Cable gland	PG 16
Response time	
Water at 0.4 m/s	$\tau_{0.5} = 11 \text{ s}$
Air at 3.0 m/s	$\tau_{0.5} = 35 \text{ s}$
Range	-50 ... +250 °C

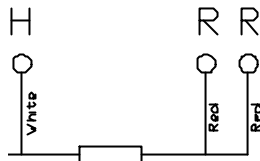




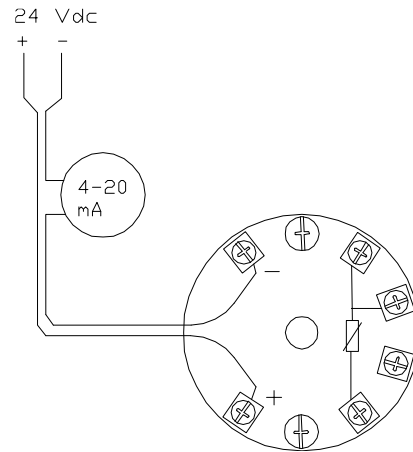
Connection



4-wire connection

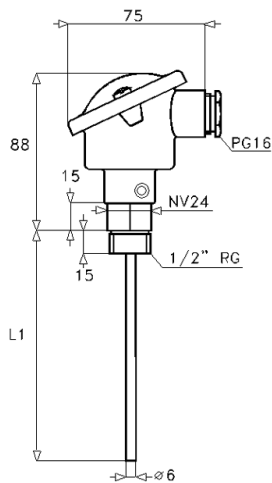


3-wire connection



Temperature transmitter

Dimensions



Option, console

