

RGTF A

Flue gas-/exhaust gas temperature sensor, with connecting cable

Application

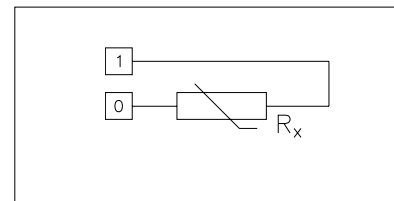
The RGTF A is a resistance thermometer for detection of relative high temperature in gases, e.g. for exhaust- and flue gas temperature measurement.

Technical data Daten

Measuring range sensor tube:	- 35 ... +400°C (optional 500°C)
Measuring range connecting cable:	- 50 ... +350°C Glassfibre/stainless steel meshwork, ends stripped, including wire end sleeves
Sensors / output:	see table, passive
Connection type:	2-wire
Measuring current:	see resistance table
Protective tube (sensor tube):	stainless steel, 1.4571, V4A, Ø=6mm, lL=100mm (optional also other dimensions)
Connecting cable:	2m (optional other lengths) insulation glassfibre/stainless steel meshwork
Insulating resistance:	≥ 100 MΩ, at 20 °C (500V DC)
Protection class:	III (acc. EN 60 730)
Protection type:	IP 54 (standard)



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Connection diagram 2-wire

Flue gas-/exhaust gas temperature sensor RGTF A - prompt from stock - subject to prior sale

Description	Sensor	Wire	Tube mm	Connecting-cable	Protection type	Art.No.
RGTFA PT1000 2L 6x100 GLS2	PT1000	2-wire	6x100	GLS 2m	IP54	7164
RGTFA PT1000 2L 6x100 GLS3	PT1000	2-wire	6x100	GLS 3m	IP54	7164-8
RGTFA PT100 2L 6x100 GLS2	PT100	2-wire	6x100	GLS 2m	IP54	7117
RGTFA PT100 2L 6x100 GLS2,5	PT100	2-wire	6x100	GLS 2,5m	IP54	7035

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Type / sensor / connecting cable (length, insulation)
RGTFA-PT100, PT1000 (cl.B), Glassfibre/stainless steel - meshwork
Surcharges
Per meter connecting cable 2-wire (glassfibre / stainless steel meshwork)
Accessories
TH Immersion sleeve see accessories p. 130
Ordering information: type, sensor, sensor diameter x length, cable length
e.g. RGTFA PT100 Ø 6x100 2m Glassfibre / stainless steel meshwork