

EGT 466: Average temperature detector

Areas of application

For determining the average temperature in an air duct

Properties

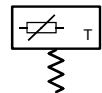
- Pt characteristic
- Accuracy class B (EN 60751)
- Active along the entire length

Technical description

- Measuring range: -30...70 °C
- Sensor: 10 Pt thin-film sensors distributed along the entire length
- Cu core with plastic sleeving
- 2-, 3- or 4-conductor connection in IP54 plastic housing
- Scope of supply: sensors, brackets, junction box, screws, cable entry and instructions



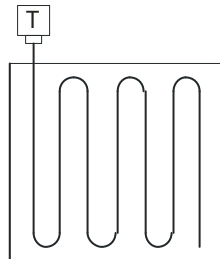
T10900



Type	Nominal value at 0°C	Length m	Number of brackets	Weight kg
EGT 466 F011	100 Ω	6	5	0,41
EGT 466 F101	1000 Ω	6	5	0,41
Ambient temperature	-40 to 80 °C		Wiring diagram	A01632
Connection instructions	0,5 m long / 2 x 0,75 mm ²		Fitting instructions	P100003287
Response time	T 0,5 approx. 30 s with V = 1 m/s (air)			
Measuring current	approx. 1 mA			
Test voltage	1000 V=			

Funktion

Durch die mäanderförmige Aufspannung über den gesamten Kanalquerschnitt wird jede Temperaturzone im Kanal erfasst und fließt so in die Messung ein.



Projektierungs- und Montagehinweise

Den minimalen Biegeradius von 25 mm und unzulässige Schwingbelastungen beachten.

Anschlussplan

Ev. A01632 verwenden

По вопросам продаж и поддержки обращайтесь:

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