

**Air Temperature Sensor
Mod. 41342-100**

- For air temperatures from -40°C to +60°C
- Sensor mounted to mounting & connection box Mod. 41 390
- Temperature sensor with 4-wire connection
- Short response time
- Cable gland for cable Ø 8 mm max.
- Traceable to EN 60 751



41342-100



with 41003



with 43502

Technical Data	
Measuring range :	-40°C...+60°C
Accuracy :	± 0,2°C within the measuring range
Dimensions :	
Height	145 mm
Ø connection box	60 mm
Ø sensor	5 mm
Connection :	via terminal strip inside the connection box
Connection cable :	2 wire shielded cable (f.i. LiYcY 2x 2 x 0,34)
Protection :	Sensor made of stainless steel AISI 316Ti
Measuring element :	PT 100 – 1/3 DIN, class B following EN 60751
Response time :	t05 : 13,5 sec
	t09 : 41,0 sec
Recommended radiation shields :	Model 41003 Gill Multi-Plate Radiation Shield
	Model 43502 Gill Aspirated Radiation Shield