

Description

Outside temperature sensor is used for measuring the outdoor temperature in e.g. weather-compensated heating, ventilation and air conditioning systems. NTC thermistor is applied as sensing element.



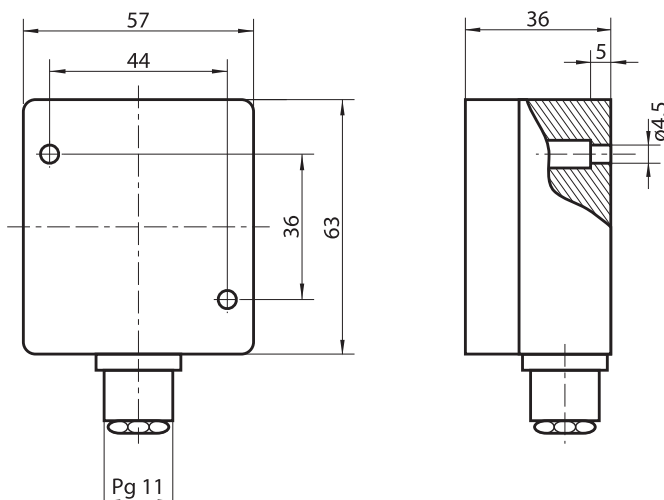
Technical data

Sensing element	NTC thermistor
Measuring range	-40°C ... + 60°C
Nominal resistance value	2,2 kΩ (T = 25°C)
Housing material	AlSi12
Degree of protection	IP 65 (EN 60529)
Cable inlet	PG 11

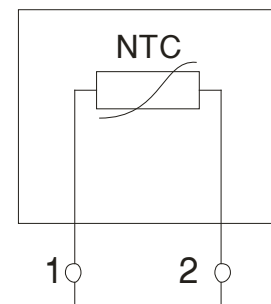
Mounting instructions

Outside temperature sensor is fitted on outdoor wall by two screws through Ø4mm holes on the housing bottom side. Connection terminals are for wires up to 1,5 mm according to wiring diagram through cable screw fitting. The maximum wires length is 100m. Sensor should not be exposed to direct sunlight and should not be fitted above windows or ventilation outlets or other heat sources at minimum 2.5m above land surface.

Measurements



Wiring diagram



Before disposal the product must be dismantled into groups of structural components and delivered to authorized waste recycling organizations in order to preserve the environment. Local legislations must be obeyed when disposing of the components.

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Feniks BB has implemented and maintains quality and environment management systems in accordance with international standards ISO9001:2008 and ISO14001:2004.