

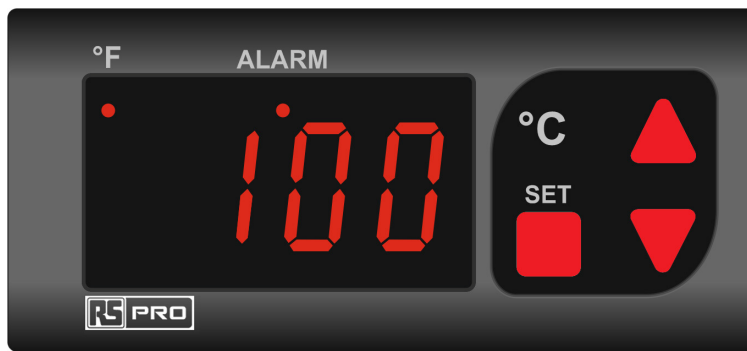


ENGLISH

Datasheet

Stock No: 1241076

RS Pro 35 x 77mm Temperature Indicator, NTC



At a glance

- 35x77mm
- Single NTC probe input
- Range -60 to 150°C
- 0000 or 000.0 units display
- Temperature units °C or °F

Overview

The RS Pro Temperature Indicator provides temperature indication on industrial and commercial systems using NTC sensors operating within a range of -60 to 150°C.

Key Features

- Sensor input offset setting
- Alarm / Warning on display
- High and low alarm limits
- Maximum and minimum measured value stored
- Simple operation and setup
- CE marked



ENGLISH

Specifications

Inputs

Input Type	Scale Range	Accuracy
NTC Resistance Sensor EN 60751	-60.0...150.0 °C -76.0...302.0°F	± 1% (for full scale) ± 1 Digit

Environmental Conditions

Ambient / Storage Temperature	0 ... +50°C/-25 ... +70°C (with no icing).		
Max. Relative Humidity	Max. humidity 80% for temperatures up to 31°C (88°F) decreasing linearly to 50% relative humidity at 40°C (104°F).		
Protection Class	According to EN60529;	Front panel : IP65	Rear Panel : IP20
Height	Max. 2000m		

Electrical Characteristics

Supply	230V AC +%10 -%20, 50/60Hz or 24V AC/DC %10 50/60Hz
Power Consumption	Max. 4VA
Wiring	Power connector : 2.5mm ² screw-terminal, Signal connector : 1,5mm ² screw-terminal connection.
Sensor Input	10K @ 25°C NTC, Beta Value 3435K 25/85 °C. (Used with RS NTC sensors).
Data Retention	EEPROM (Min. 10 years)
Accuracy	0.1 °C
EMC	EN 61326-1: 2012 (Performance criterion B is satisfied for EN 61000-4-3)
A/D Converter	12 bit resolution, 100ms sampling time.
Indicator	4 digits, 12.5mm, 7 segment red LED
Hysteresis	Adjustable between 0.1 and 15 °C / °F.
Safety Requirements	EN 61010-1: 2010 (Pollution degree 2, overvoltage category II)

Housing

Housing Type	Suitable for flush-panel mounting according to DIN 43 700.
Dimensions	H35xW77xD61mm
Weight	Approx. 215g (After packing)
Enclosure Material	Self extinguishing plastics.



ENGLISH

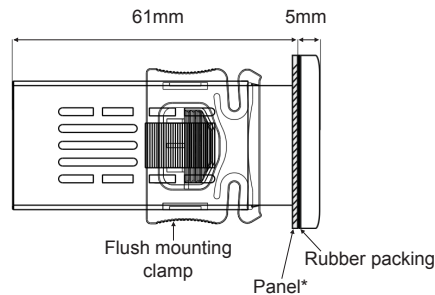
Dimensions

Front Fascia 35 x 77mm.

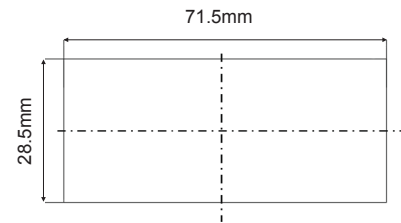
Front



Depth



Panel cut-out



*Panel thickness should be maximum 7mm.

Ordering

Stock Number	Supply Voltage	Number Outputs
1241075	230V ac	0
1241076	24V ac/dc	0

Accessories

Stock Number	Description	Range
1241079	Air probe, plastic shell (PVC cable)	-50...+105°C
1241080	Air probe, thermoplastic shell (with thermoplastic cable)	-30...+80°C
1241081	Air probe, stainless-steel shell (silicon cable)	-60...+150°C
1241082	Liquid probe, stainless-steel shell (silicon cable)	-60...+150°C