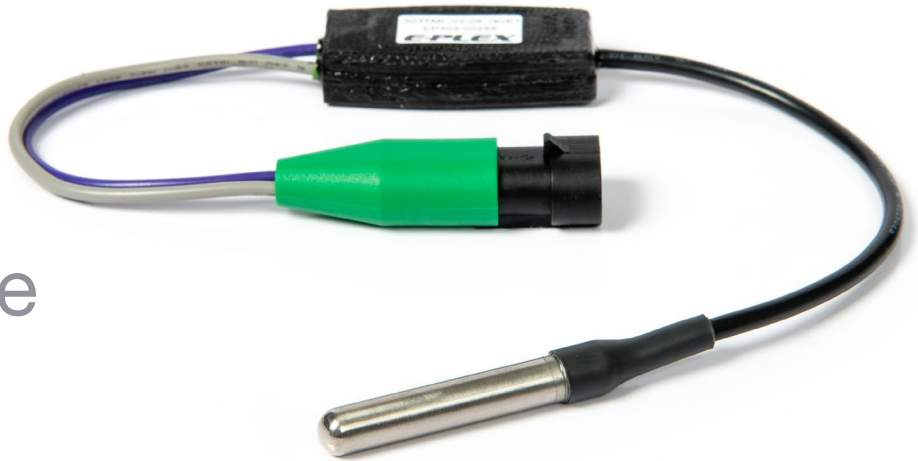


Temperature Monitor module (AIR)



Introduction

The E-Plex 303TM Temperature Module is capable of sensing temperatures from -20 to +70 degrees Celsius and can output that data to the E-Plex bus. Once the data is on the E-Plex bus, it can be relayed to a graphical or analogue display.

The 303TM is weatherproof, which allows it to be used in a wide variety of applications and can withstand harsh conditions.

Key Features

- Senses temperatures from -20 to +70 degrees Celsius.
- Module is powered from the Eplex Bus.
- Weatherproof construction.
- LEN value 3.
- Standard EP3 connection.

Electrical Specifications

Device temperature reading range	-20 – +70 °C, -4 – +158°F
Len rating	3

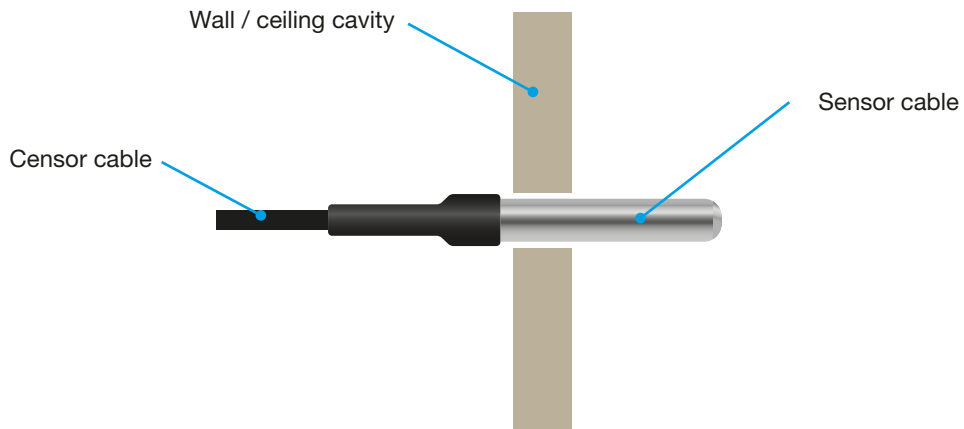
Physical Specifications

Module Case Material	Potted Epoxy
Sensor Case Material	316 Stainless Steel
Operating Temperature (of module)	-20°C - 50°C (-4°F - 122°F)
Storage Temperature	-30°C - 85°C (-22°F - 185°F)
Weight	50g (1.76oz)
Overall Length (module only)	55mm (2.16")
Overall Height (module only)	25mm (0.98")
Overall Depth (module only)	10mm (0.39")
E-Plex Cable Length	210mm (8.26")
Sensor Cable Length (Including Sensor)	210mm (8.26")
Sensor Length	50mm (1.96")
Terminal Connector Specifications	1 x EP3

Terminal Connection Specifications

Connection	Specifications	In / Out	Remarks
Grey Wire	E-Plex Bus +	I/O	
Violet Wire	E-Plex Bus -	I/O	

Mounting Example



Output offset / scaling

Degrees Centigrade	Degrees Fahrenheit
70°C	158°F
20°C	68°F
0°C	32°F
-20°C	-4°F

Ordering codes

Description	Part Number
303TM (Air) Temperature Monitor	EP3-303TM

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