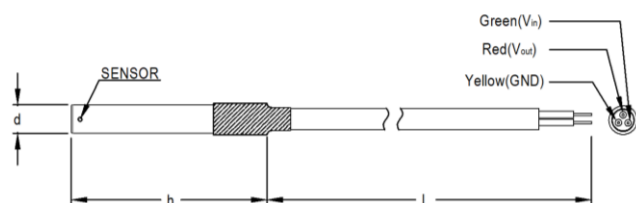


Description: LM-35 Soldered to 26 AWG Grey PVC Cable 3-Core wire Rated 105°C, in SS Housing, potted with moisture proof Black Epoxy.



Part No.: TLMA-d06h650 L102

PARAMETER	VALUE	UNIT
Voltage at 0°C	0	mV
Temperature Tolerance	±0.8	°C
Operating Voltage	4-30	V
Supply voltage	4-20	V
Current drain	60	μA
Storage Temperature	-40 to 85	°C
Operating temperature	-40 to +105	°C

FEATURES

- High Stability & reliability
- Rugged construction
- Fast response
- High measuring accuracy
- High adhesion strength between PVC wire and encapsulation coating
- Economical Pricing
- Complaint to RoHS Directive 2015/863/EU.

APPLICATIONS

- Measures temperature with an electric output (voltage) comparative to temperature.
- Uses for Battery Management
- Temperature sensing and control in HVAC.
- Suitable for temperature regulation and Compensation in Consumer appliances.
- Uses for Power supplies.
- Remote temperature Sensing and temperature monitoring.
- Suitable in Industrial process control.
- Suitable for mount sensing application, especially when a good electrical insulation and good thermal contact with the chassis is required.

Wire connection :

Green : Vin

Red : Vout,

Black : GND

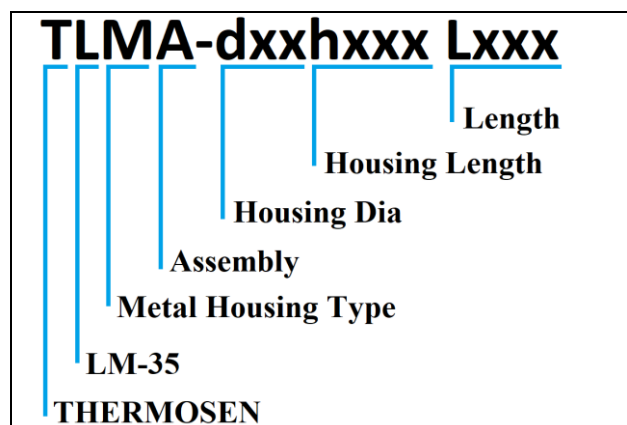
LXXX: Length (Eg: **L100** for 10mm(**10x10⁰**), **L101** for 100mm(**10x10¹**))

dx: Housing dia. (Eg: d06 for 6 mm, d08 for 8 mm)

hxxx : Housing Length(Eg: h**250** for 25mm(**25x10⁰**),
h**101** for 100mm(**10x10¹**))

Ex: TLMA-d06h650 L102

Part Number System:



TEMPERATURE vs. VOLTAGE:

SI. No	TEMPERATURE (in °C)	VOLTAGE (in mV)
1	-40	-400
2	-30	-300
3	-20	-200
4	-10	-100
5	0	0
6	10	100
7	20	200
8	30	300
9	40	400
10	50	500
11	60	600
12	70	700
13	80	800
14	90	900
15	100	1000

CUSTOM DESIGN & SUPPORT:

- End wire stripped and Tinned or with connector assembly.
- Part can be supplied with customised connectors.

PACKING:

- Bulk layer packing
- 100 in poly bag
- Custom packing solution will be provided.

Consult Thermosen Technologies Pvt. Ltd. for custom product requirement