



DATA SHEET

FIXED 40 °F TEMPERATURE THERMOSTAT

The 42001-NEL thermostat is ideal for applications where freeze protection or lower-range temperature control is critical. In cold climates the thermostat switches heating devices that prevent pipes, valves, tanks and fittings from freezing.

This thermostat can be used in ambient-sensing applications by placing the sensor in the air or as a line-sensing thermostat by securing the bulb to the pipe or tank. It can be used as a single circuit control or as a pilot control for several circuits by switching a contact. Set point at factory is 40 degrees F (5C).

SPECIFICATIONS

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| Enclosure Rating | NEMA 4X |
| Entries | One ¼ inch NPT conduit hub |
| Set Point | 40 °F (5 °C) Close on decreasing temperature |
| Sensor exposure limits | -30 to 140 °F (-35 to 60 °C) |
| Housing exposure limit | -30 to 140 °F (-35 to 60 °C) |
| Enclosure material | Polycarbonate black |
| Switch | SPD, prewired snap action |
| Electrical rating | 22 amp@ 125/250/480 VAC |
| Accuracy | ±1% of full scale |
| Sensor & capillary type | Copper tin plated, Silicone oil filled bulb 3.12" (79mm) .39" (10mm) diameter 10' (3.05m) long capillary |
| Connection | 14 AWG stranded copper wire, PVC |
| Approvals | CSA and UL Listed (Ordinary Areas) |
| Manufacturer | Nelson |

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