The Nivotemp 62-2-C6F-T-03V001-ej featuring the Buhler "easyjust" technology is a compact economic combination of level switch and precise temperature indication with LED display.

The unit provides two temperature alarm/switch outputs in addition to two level switching points. The "easyjust" system simplifies the adjustment of the level contacts. The system consists of level contact cartridges that clip onto a gold plated contact board which incorporates the Pt100 (RTD) temperature sensor. Both the level contacts and temperature controls clip directly onto the contact board thus eliminating wiring.

The unit has a DIN 24557 flange for easy installation. The Nivotemp 62-2-C6F-T-03V001-ej in this configuration complies with the Daimler requirements. It provides two M12 connector sockets, a temperature display, and preset level contacts.

Please note that our product range contains more Daimler specific versions of the Nivotemp and Nivovent series.

- Combined level and temperature control
- Adjustable alarm outputs for temperature
- "Clip on" adjustable level contacts
- High float sensitivity
- Easy installation
- Maintenance free
- High visibility LED display
### Technical Data

- **Max. operating pressure**: 1 bar (14.5 psi)
- **Max. operating temperature**: 80 °C (176 °F)
- **Min. density of fluid**: 0.8 kg/dm³ (0.029 lb/in³)
- **Switch tube**: brass
- **Flange**: PA
- **Float**: SK610 hard PU
- **Switch**: NO / NC*
- **Min. distance between contacts**: 1.57”
- **Max. voltage**: 24 V
- **Max. current**: 0.5 A
- **Max. contact load**: 10 VA
- **Range of temperature display from**: 4° to 248 °F (-20 to +120 °C)
- **Alarm indicator range**: 32° to 210 °F (0 to +99 °C)
- **Programmable set points**: 2 x
- **Connector socket**: 2 x M12
- **Housing**: ABS-plastic
- **Depth of housing**: 2.17”
- **Protection class**: IP 65
- **Display**: three digit seven segment-LED-display
- **Current consumption at power up**: about 140 mA for 100 ms
- **Operating current consumption**: about 30 - 70 mA
- **Supply voltage**: 24 VDC ±10 %
- **Output switches**: 2 x with max. 24V / 1A
- **Ambient temperature**: 0 - 70 °C (32 - 158 °F)
- **Accuracy**: 1 % of end indication value
- **Resolution**: 2 °F (1 °C)
- **Programming**: 3 button keypad

* NC = normally closed / NO = normally open (all figures at empty reservoir)

### Thermotronik 61

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### Dimensions given in inch

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<tr>
<th>Part No.</th>
<th>Connector socket</th>
<th>Display</th>
<th>L =</th>
<th>L1=</th>
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### Wiring Diagram

- **normal position = at filled reservoir**

### Order Information

**Nivotemp 62-2-C6F-T-03V001-ej with float SK610**

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We reserve the right to amend specifications.