The new Buhler "easyjust" system simplifies the adjustment of level contacts. The system consists of level contact cartridges that clip onto a gold plated contact board. This board can accommodate up to four contact cartridges plus the temperature control. The temperature control is a bimetal switch. Both the level contacts and the temperature control clip directly onto the contact board thus eliminating wiring.

By researching existing standards for fluid power packs including DIN 24346 regarding liquid level control, it was found that measuring to 11.81" depth was sufficient to control both level and temperature. Therefore the Buhler standard length of 14.57" is sufficient and covers most applications. Flange mounting is almost universal for breather/filler units so it is also suitable for mounting temperature and level controls.

The connection between the electrical connectors and the contact board is a quick change type making the stocking of spare parts and the adaption to specific applications very convenient.

The Nivotemp 64RE in this configuration complies with Renault requirements. It provides an M12 connector socket, preset level contacts and a stilling tube.

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

- Combined level and temperature control
- Cordless adjustable level contacts
- Bistable level contacts = only one float
- High float sensitivity
- International standard flange dimensions
- Easy installation
- Maintenance free
- Standard length 14.57"
**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)

**Material**
- Float SK 610: hard PU
- Switch tube: brass
- Flange: PA 6

**Level contacts**
- Single contact NC/NO*
- Min. distance btw. contacts: 1.57"*
- Max. voltage: 24 V
- Max. current: 0.5 A
- Max. contact load: 10 VA

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

**Temperature contacts TK**
- Max. voltage: 24 V
- Max. current: 1 A
- Max. contact load: 24 VA
- Hysteresis: 10 K ± 3 K (18 °F ± 5.4 °F) (temp. difference)
- Switch points: 70 °C (158 °F) normally closed (NC) at rising temperature

Other settings upon request

**Connector**
- M12 4 pol.

**Protection class**
- IP67**
- PG 7**

**Cable gland**
- **with plug fixed**

**Order Information**

**Nivotemp 64 RE**

<table>
<thead>
<tr>
<th>Part-no</th>
<th>Connector</th>
<th>L =</th>
<th>L1=</th>
<th>L2=</th>
<th>Temperature-contact TK 1</th>
<th>Temperature-contact TK 2</th>
<th>Stilling tube</th>
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<td>M12</td>
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<td>7.87&quot; NO*</td>
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</tbody>
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* NO = normally open, NC = normally closed