The new Bühler “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 300 mm depth was sufficient to control both level and temperature. Therefore the Bühler standard length of 370 mm 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 the configuration shown overleaf complies with the Renault requirements. It provides an M12 connector socket, preset level contacts and a stilling tube.

Please note that our programme contains more Renault specific versions of the Nivotemp and Nivovent series.
Technical Data

Max. operating pressure 1 bar
Max. operating temperature 80 °C
Min. density of fluid 0.8 kg/dm³

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

Level contacts
single contact NC/NO*
Min. distance btw. contacts 40 mm
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
Switch points 70°C

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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we reserve the right to amend specifications