

Nivotemp 64 RE

- RENAULT specification -

easyjust



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.

- **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 370 mm**

Technical Data

Max. operating pressure	1 bar
Max. operating temperature	80 °C
Min. density of fluid	0.8 kg/dm ³

Material

Float SK 610	hard PU
Switch tube	brass
Flange	PA 6

Level contacts single contact NC/NO*

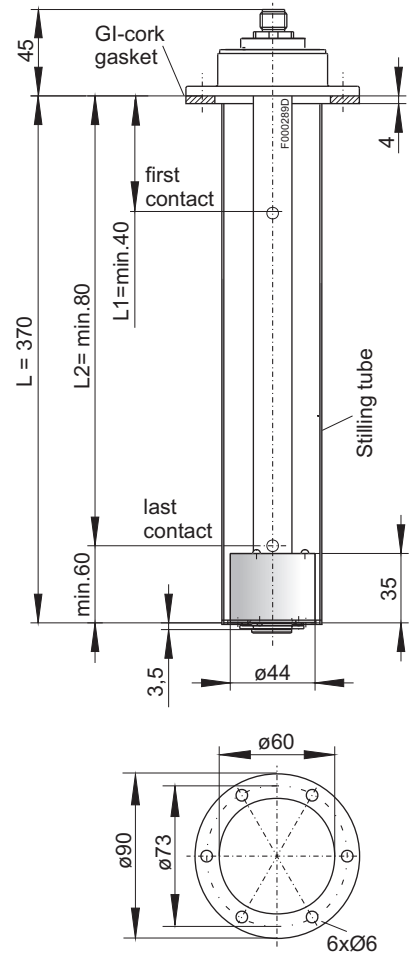
Min. distance btw. contacts	40 mm
Max. voltage	24 V
Max. current	0.5 A
Max. contact load	10 VA

* **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.

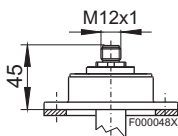
Protection class

IP67**

Cable gland

PG 7**

**with plug fixed



Order Information

Nivotemp 64 RE

Part-no	Connector	L =	L1=	L2=	Temperature-contact TK 1	Temperature-contact TK 2	Stilling tube
1064900101	M12	370	200 NO	no	T1 = 70 °C NC	no	yes
1064900102	M12	370	300 NO	no	T1 = 70 °C NC	no	yes
1064900103	M12	250	190 NO	no	T1 = 70 °C NC	no	yes