By researching existing standards for fluid power packs including DIN 24346 regarding liquid level control, it was found that measuring to 11.8” depth was sufficient to control the level. Therefore the Buhler standard length of 14.6” is sufficient and covers most applications. Flange mounting is almost universal for breather/filler units so it is also suitable for mounting level controls.

The Nivotemp 61-2W11-3LED-M12 in this configuration complies with the Daimler requirements. The LED’s into the transparent socket with an M12 connector indicate the working condition for the level.

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

- Adjustable level contacts
- Bistable level contacts = only one float
- High float sensitivity
- International standard flange dimensions
- Easy installation
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
Function: NC / NO*
Min. distance of contact: 1.57”
Max. Voltage: 24 V
Max. Current: 0.5 A
Contact load: 10 VA
* NC = normally closed / NO = normally open
All figures at empty reservoir

Male plug
Protection class: IP67 with female plug fixed

Ordering Information

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<th>Part No.</th>
<th>L1</th>
<th>L2</th>
<th>Length L</th>
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* NC = normally closed / NO = normally open

Accessories
Part No. 9144050018 Connecting cable M12x1 with 1 x 5 pole M12 plug cable length: 9.8 ft

Dimensions given in inch

Wiring Diagram

normal position = at filled reservoir

We reserve the right to amend specifications