



FLOAT LEVEL SWITCH MOD.IM1

Level switches with magnetic float are used to tell when the liquid has reached a certain level quote. The permanent magnet inside the float provoke, during its movement, the closure of a reed switch. The ON/OFF output signal may be used for minimum/maximum level control, pump operation, open/close of a valve.

HOW IT WORKS

When the level of the liquid reach the float until it moves, the internal magnet provoke the closure/opening of the reed contact. The new open/close state will be maintained until the liquid level become lower than the float. If you need to use the switch as normally closed (NC), remove the stop ring and insert the float upside-down.

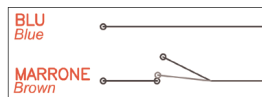
In case you need to use an adapter to change the connection thread, it is recommended to use appropriate sealing (ex. PTFE tape + O-Ring).

The level switch contains glass parts: an accidental fall or a strong impact may broke it or cause its malfunction.



TECHNICAL FEATURES

Max working pressure: 10bar
Max working temperature: 150°C
Body: AISI316, 70mm length
Process connection: 1/4" GAS-M
Float: AISI316, 52mm diameter
Cable: silicone 2x0,5mm², L=2mt
Protection degree: IP67
Switch: Reed element
Mechanical file: 100.000.000 operations
Max power: 100VA
Max voltage: 250Vac/dc
Max current: 3A
Electrical diagram:



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WWW.GESINTSRL.IT

GESINT S.R.L.

Via Perosi, 5
20010 Bareggio (MI) - ITALY
Tel. +39-02-9014633 - +39-335-6282615
Fax +39-02-90362295
E-mail: info@gesintsrl.it