

TIL604 - LEVEL SWITCH FOR LIQUIDS

Differential piezometric level switch, suitable for on/off control on one or two points adjustable level of reservoirs, tanks and similar.

SPDT contact free of voltage.

Vertical wall mounting.

Applications:

- food industries
- chemical and textile industries
- medical equipment
- general machinery



WORKING RANGE mm H ₂ O				
Model	Minimum	Maximum	Differential	Repeatability
01	2,0	30,0	0,8...2,5	<0,0250
02	5	50,0	1,5...4,0	<0,0250
03	10	100	3...6,5	<0,0250
04	50	200	6...13	<+/-0,050
05	100	500	16...30	<+/-0,0150

INSTALLATION

Two kinds:

a) an installation under the head with the sensor membrane in contact with the fluid.

b) installation above a door with the sensor membrane in contact with air. Less accuracy but usefull with difficult fluids, impossible to contact then, where space is limited and non-invasive allocation is required.

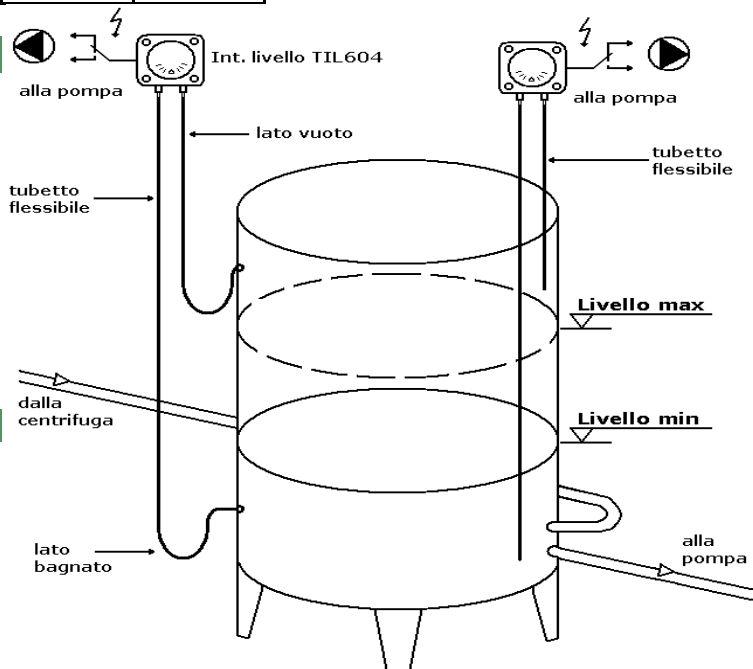
DIMENSIONS

Max diameter: mm 103

Height: 50 mm

including bracket 90 mm

Depth: mm 88



TECHNICAL SPECIFICATIONS

Body sensor:	Fiberglass, nylon
Diaphragm:	Silicon LSR
Lifetime:	10 millions cycles
Operative Temperature:	-30...+75°C
Overpressure:	≤ 50 mbar (models 01/02/03/04) ≤ 75 mbar (model 05)
Contacts:	SPDT 250 Vac 5 A res. - 30 Vdc 2 A res.
Protection:	IP40
Level on/off:	Adjustable from 0 ... 100% working range



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