

The TP3 Differential Level Switch is a float switch, which allows the automatic start and stop of the electrical equipment (usually pumps, but also electric control valves, alarms, etc.). The main characteristic of this item is that it has a high reliability and its shape has no edges, for which it is particularly suitable to be used for sewage. The item is made with double liquid-proof chamber, for the maximum reliability of the inside mechanism.

Description

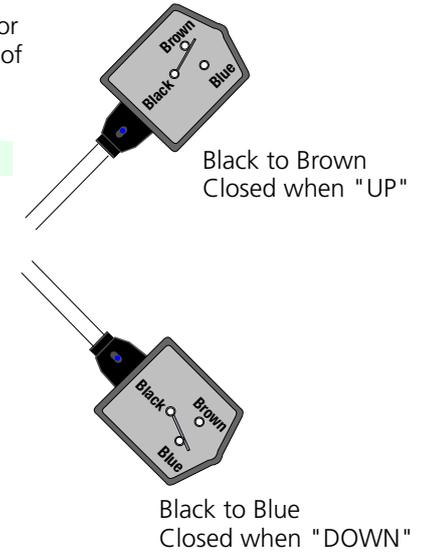
Three wire differential level switches Close contacts Black and Brown on level rise, This connection is mostly used for de-watering, pumping out, low level protection and high level alarms.

Contacts Black and Blue close on level fall, and open on level rise, This connection is mostly used for Filling, pumping in and low level alarms.

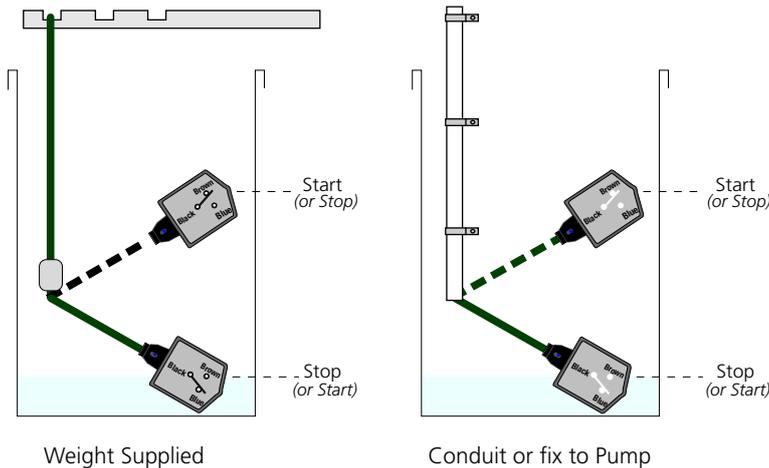
If only two connections are used, the third connection should be insulated.

They are capable of starting or stopping small pumps or alarms directly, without the need for a control panel as they are rated at 4 Amps inductive 250V

They are ideally suited for twin pump panels to suit automatic control of sewage and storm water systems with audible or visual alarms.



Typical installation methods and Technical details



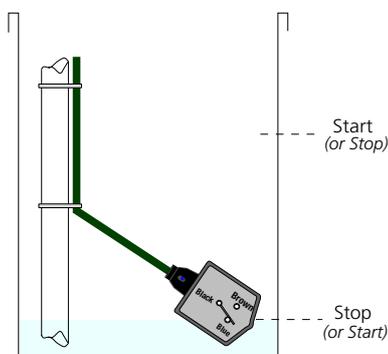
General specification

Maximum operating current	10 Amp Resistive
Inductive operating current	4 Amp
Maximum switching VA	1000 VA
Float chamber	PVC 70 x 70mm
Maximum working voltage	250 V ac
Minimum working voltage	12 V dc
Maximum working temperature	60°C
Minimum working temperature	5°C
Maximum switching depth	30 metres
Switching Angle	± 35 to 40 Degrees
Cable Lengths (Standard)	5, 10, 15, 20 & 30 metres

Brown	Brown	Close on Rise
Black	Black	Common
Blue	Blue	Close on fall

Alternative

Alternatively:
Fasten to any fixed pipework or pump fitting with cable ties



Brown	Close on Rise
Black	Common
Blue	Close on fall

Ordering data B style weight included

MODEL	W	Amps	PRICE	Cable Length	Max. Volts
TP3-05WB	1000	4	32.00	5 metre	240
TP3-10WB	1000	4	48.00	10 metre	240
TP3-15WB	1000	4	64.00	15 metre	240
TP3-20WB	1000	4	80.00	20 metre	240
TP3-30WB	1000	4	112.00	30 metre	240

WA	"A" Style weight	2.00	Add to above price if required.
WB	"B" Style weight	2.00	Deduct if Not required.



Small size makes it ideal for pump control
Chamber:
75 x 85 x 38 mm