

The TP3 differential style level switches can be supported on their own double insulated Neoprene cable and easily adjusted to the switching level by raising or lowering the cable Weight or anchorage point.

They can be used to automatically fill or empty a tank or empty a pit, and are ideally suited for use in storm water, sewage or sump dewatering applications as well as fresh water conditions.

Description

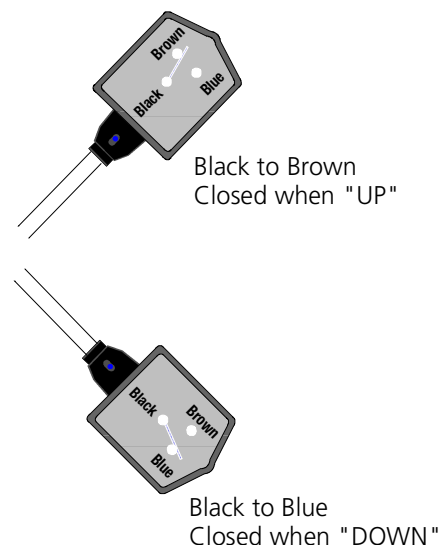
Three wire differential level switches Close contacts Black and Brown on level rise, and open contacts Black and Blue on level fall. This connection is mostly used for de-watering, pumping out, low level protection and high level alarms.

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.

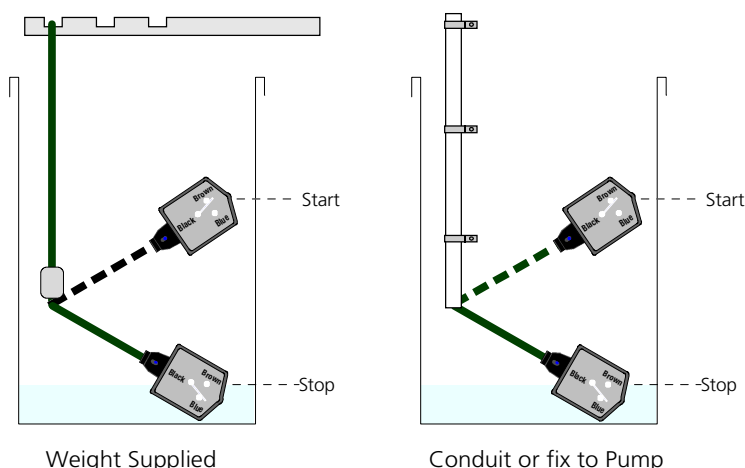
If only two connections are used, the third connection should be insulated.

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

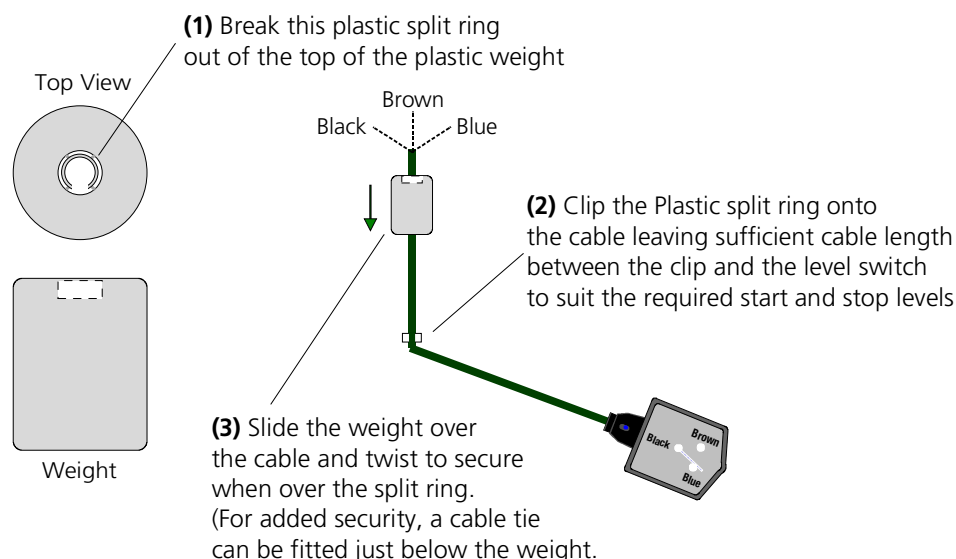


General specification

| | |
|-----------------------------|---------------------------|
| Maximum operating current | 10 Amp Resistive |
| Inductive operating current | 4 Amp |
| Maximum switching VA | 400 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 |

Installation



Alternative

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

