



FLOAT SWITCH

Model No: PFS-1

Part No: 7950826

Thank you for purchasing this Clarke Float Switch, which is simple to install, and designed for trouble free operation for a long life.

The FS-1 is a plastic float switch moulded to 3 core cable. Actuation is via a roller ball and micro-switch arrangement within the switch thereby eliminating all heavy metals.

GUARANTEE

This product is guaranteed against faults in manufacture for 12 months from date of purchase. Keep your receipt as proof of purchase.

This guarantee is invalid if the product has been found to have been abused or tampered with in any way, or not used for the purpose for which it was intended. The reason for return must be clearly stated.

This guarantee does not affect your statutory rights.

TECHNICAL SPECIFICATION

Contact rating: 230V - 15A (non-inductive)
230V - 10A, (inductive)

Max. temperature: 70°C

Cable Length 2M



FLOAT SWITCH

Model No: PFS-1

Part No: 7950826

Thank you for purchasing this Clarke Float Switch, which is simple to install, and designed for trouble free operation for a long life.

The FS-1 is a plastic float switch moulded to 3 core cable. Actuation is via a roller ball and micro-switch arrangement within the switch thereby eliminating all heavy metals.

GUARANTEE

This product is guaranteed against faults in manufacture for 12 months from date of purchase. Keep your receipt as proof of purchase.

This guarantee is invalid if the product has been found to have been abused or tampered with in any way, or not used for the purpose for which it was intended. The reason for return must be clearly stated.

This guarantee does not affect your statutory rights.

TECHNICAL SPECIFICATION

Contact rating: 230V - 15A (non-inductive)
230V - 10A, (inductive)

Max. temperature: 70°C

Cable Length 2M

METHOD OF OPERATION

The microswitch assembly inside the float, axially mounted in line with the weight, changes contacts according to the float's position - see diagram. Therefore as the liquid level drops or rises slowly, a pump or flow control suitably connected can be switched in or out to maintain an average level of the liquid. By connecting only one side of the switch, the unit can be also used to fill or empty the tank as required.

MOUNTING

Whilst no hard and fast rules apply to the mounting of these units, the lead should be supported in an enclosed vessel, and in an open vessel it is advantageous to clip the lead to the side, especially if excessive turbulence is experienced.

To obviate the effects of rapid switching conditions that would result if such turbulence is experienced, it is advantageous to use a maintaining circuit which both safeguards the microswitch and cuts out any chatter in the starters of associated pumps etc.

ELECTRICAL CONNECTIONS

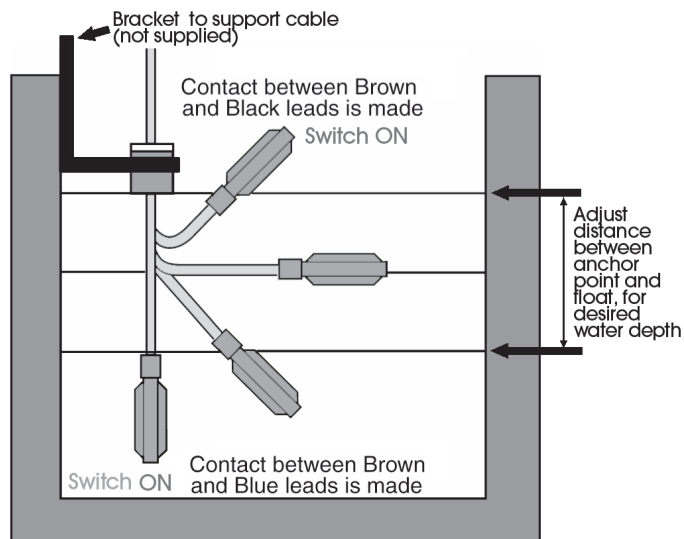
Connect the BROWN lead to the COMMON/NEUTRAL connector and the other leads as follows:

A. To drain a pit/sump etc.,

- Connect the BLACK lead to the LIVE connector.

B. To Fill a tank

- Connect the BLUE lead to the LIVE connector



Ensure any connector boxes in close proximity of water are fully waterproofed.

If in any doubt, regarding electrical installation, consult a qualified technician, DO NOT attempt to carry out the installation yourself.

METHOD OF OPERATION

The microswitch assembly inside the float, axially mounted in line with the weight, changes contacts according to the float's position - see diagram. Therefore as the liquid level drops or rises slowly, a pump or flow control suitably connected can be switched in or out to maintain an average level of the liquid. By connecting only one side of the switch, the unit can be also used to fill or empty the tank as required.

MOUNTING

Whilst no hard and fast rules apply to the mounting of these units, the lead should be supported in an enclosed vessel, and in an open vessel it is advantageous to clip the lead to the side, especially if excessive turbulence is experienced.

To obviate the effects of rapid switching conditions that would result if such turbulence is experienced, it is advantageous to use a maintaining circuit which both safeguards the microswitch and cuts out any chatter in the starters of associated pumps etc.

ELECTRICAL CONNECTIONS

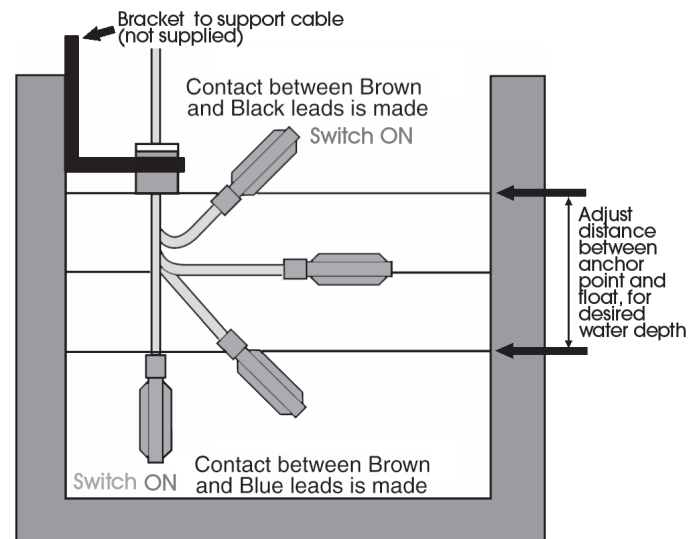
Connect the BROWN lead to the COMMON/NEUTRAL connector and the other leads as follows:

A. To drain a pit/sump etc.,

- Connect the BLACK lead to the LIVE connector.

B. To Fill a tank

- Connect the BLUE lead to the LIVE connector



Ensure any connector boxes in close proximity of water are fully waterproofed.

If in any doubt, regarding electrical installation, consult a qualified technician, DO NOT attempt to carry out the installation yourself.