

# PUMP CONTROLLERS

## Float Switches

### HFS SERIES

## HFS SERIES FLOAT SWITCHES

The HFS Series Hyjet Float Switch, which utilises an innovative, yet simple, foolproof switching concept, has greatly enhanced Float Switch reliability. The positive micro switching eliminates the possibility of more than one circuit being in operation at any one time. The design innovation of the switch is the 'sliding detent' action which obviates wave induced oscillation (common in mercury-type switches) while maintaining consistency in switching level accuracy. The smooth, robust ABS switch housing on the HFS model prevents adhesion of foreign materials.



### TYPE SPECIFICATIONS:

Liquid Temperature....	Min 0oC (32oF)
Liquid Density.....	Max 60oC (140oF)
Protection.....	Min .65g/cm2
Working Pressure.....	Max 1.5g/cm2
Switching Speed.....	IP68 @ 20m (65ft)
Contact Life.....	.35MPa
Contact Type.....	600/min
Switching Angle.....	10 million switches
Max Voltage.....	Microswitch with NO and NC contacts
Max Current.....	20o (from horizontal)
Cable Material.....	240Vac
Cable Size.....	10 Amp
Housing Material.....	Neoprene Rubber H07RN-F
Chemical Resistance....	ø 10mm/3 x 1.0mm2
	ABS - Acrylonine Butadiene Styrene
	Acid - Good
	Alkaline - Good
	Petrol - Good

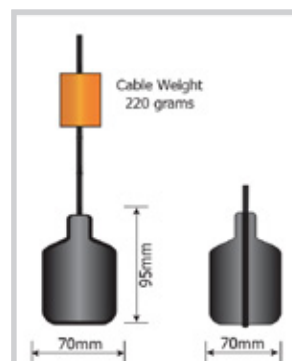
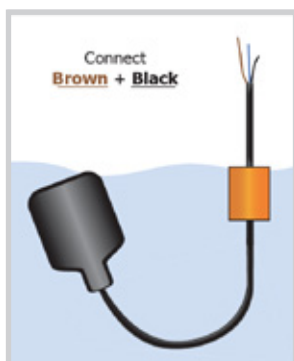
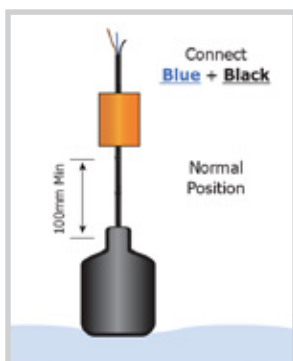
### SETUP:

- Secure cable at appropriate height to ensure desired switch levels are achieved.
  - The differential between switching On/Off or Off/On can be adjusted by moving the cable weight relative to the Float Switch. The further the weight is situated from the Float Switch the greater the 'switching differential'.
- Set up to suit the particular application.

### PRODUCT RANGE:

**HFS-1310** Hyjet Float Switch NRB 10m Cable

**HFS-1320** Hyjet Float Switch NRB 20m Cable



## FSW SERIES

## FSW SERIES FLOAT SWITCHES



### TYPE SPECIFICATIONS:

Liquid Temperature....	Min 0°C (32°F) Max 60°C (140°F)
Liquid Density.....	Min .65g/cm Max 1.5g/cm
Protection.....	IP68 @ 20m (65ft)
Working Pressure.....	.35MPa
Switching Speed.....	600/min
Contact Life.....	10 million switches
Contact Type.....	Microswitch with NO and NC contacts
Switching Angle.....	25° (from horizontal)
Max Voltage.....	240Vac
Max Current.....	6amp (COS 0)
Cable Material.....	Neoprene Rubber
Cable Size.....	ø6mm / 3 x .75mm <sup>2</sup>
Housing Material.....	ABS - Acrylonine Butadiene Styrene
Chemical Resistance....	Acid - Good
	Alkaline - Good
	Petro - Good

### PRODUCT RANGE:

<b>FSW-12528</b>	9006 NRB 2.5m Cable
<b>FSW-12529</b>	9006 NRB 6m Cable
<b>FSW-12530</b>	9006 NRB 10m Cable
<b>FSW-12531</b>	9006 NRB 15m Cable
<b>FSW-12532</b>	9006 NRB 20m Cable
<b>FSW-12533</b>	9006 NRB 30m Cable
<b>FSW-12534</b>	9006 NRB 40m Cable

