



HS (AUTOMATIC) LEVEL CONTROL

For the automatic control of water levels, the **HS** series is available with sensor and float switches:

The **Sensor** switch has two 304 stainless steel probes that are encapsulated in moulded rubber and it is designed for portable applications. The compact design and precise water level control also makes it suitable for fixed installations and narrow or shallow sumps. During use, when both probes touch water, the pump will start and continue to operate for one minute after the water level drops. However, if the water touches both probes again within this time, the pump continues pumping for another minute and will continue like this on demand, so keeping the water level constantly below the level of the probes at all times. The off level can be as low as the level of the water entry of the volute at 50mm, depending on the sump size or area being drained. Probes can be lengthened by 70mm or 170mm, with optional extensions, to enable a lower “on” and “off” level.

The **Pendant** float-switch has a power cable connected to a waterproof case that contains a ball bearing actuated switch and is designed for portable and fixed installations. The cable is clamped to the pump, with a small amount of adjustment to alter the “on” and “off” level.

The **AGMA** float-switch has a switch actuated by a floating cylinder, housed within a tube. Compact, with fixed “on” and “off” levels for precise level control, it is intended for narrow sumps and fixed installations.



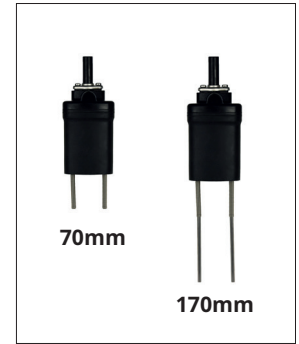
Pendant



AGMA



Sensor



Sensor probe extensions

item code	model	auto (type)	outlet (mm)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	on level (mm)	off level (mm)	dry weight (kgs)
10-10-1195	HS2.4S	Pendant	50	0.4	110	205	12	7	210x241x358	360 *	100 *	11.7
10-10-1154	HS2.4S	Pendant	50	0.4	230	205	12	7	210x241x358	360 *	100 *	11.7
10-10-1013	HS2.4S	AGMA	50	0.4	230	205	12	7	230x241x358	265	165	11.6
10-10-1000	HS2.4S	Sensor	50	0.4	110	205	12	7	207x241x358	175	174 - 50	11.9
10-10-1002	HS2.4S	Sensor	50	0.4	230	205	12	7	207x241x358	175	174 - 50	11.9
10-10-1058	HS2.75S	Pendant	50	0.75	110	230	18	7	210x285x424	430 *	50 *	17.5
10-10-1328	HS2.75S	Sensor	50	0.75	110	230	18	7	207x285x424	430	50	17.5
10-10-1237	HS2.75S	Pendant	50	0.75	230	230	18	7	210x285x424	430 *	50 *	17.3
10-10-1014	HS2.75S	AGMA	50	0.75	230	230	18	7	230x285x424	330	230	17.2
10-10-1033	HS2.75S	Sensor	50	0.75	230	230	18	7	207x285x424	240	239 - 50	17.5
10-10-1003	HS3.75S	Pendant	75	0.75	110	310	18	7	210x285x424	430 *	50 *	17.3
10-10-1326	HS3.75S	Sensor	75	0.75	110	230	18	7	207x285x424	430	50	17.5
10-10-1145	HS3.75S	Pendant	75	0.75	230	310	18	7	210x285x424	430 *	50 *	17.3
10-10-1040	HS3.75S	AGMA	75	0.75	230	310	18	7	230x285x424	330	230	17.2
10-10-1049	HS3.75S	Sensor	75	0.75	230	310	18	7	207x285x424	240	239 - 50	17.5
10-10-1244	HS3.75SL	Pendant	75	0.75	110	580	10.8	7	210x285x464	470 *	90 *	20.0
10-10-1330	HS3.75SL	Sensor	75	0.75	110	580	10.8	7	207x285x464	470	90	20.2
10-10-1258	HS3.75SL	Pendant	75	0.75	230	580	10.8	7	210x285x464	470 *	90 *	20.0
10-10-1044	HS3.75SL	AGMA	75	0.75	230	580	10.8	7	230x285x464	370	270	20.3
10-10-1062	HS3.75SL	Sensor	75	0.75	230	580	10.8	7	207x285x464	280	279 - 50	20.6
10-40-1002	70mm Sensor probe extensions x 2											0.02
10-40-1000	170mm Sensor probe extensions x 2											0.07

* APPROXIMATE LIQUID LEVEL