

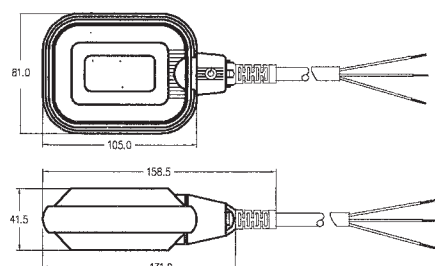
Electromechanical level regulator

The Key level regulator is a float switch which allows electrical equipment to start and stop automatically (usually pumps, but also electric control valves, alarms, etc.) when a prefixed level has been reached. It is highly reliable thanks to a multiple closure device on the fairlead.

This is the most universally used float switch in the world for the automation of pumps and is used directly by pump producers. The models with cable 3X1 or cable 4G1 can be used for the filling or emptying function according to the cables that have been connected.

The models with 3G1 cable (with ground) or UL cable are set for one function only, and that is for filling or emptying.

The minimum working distance between the Key level regulator and the fixing point is 20 cm.



Type	K04-10	K08-10	O2T	K06-10-400
Output cable	PVC 3X1	PVC 3X1	H07RN-F 3G1	H07RN-F 3G1
Cable diameter	9 ± 0,3 mm	9 ± 0,3 mm	9 ± 0,3 mm	9 ± 0,3 mm
Code	KPM0006KY0	HPM0006HY0	KVM00065Y0	HVM0006LY0
Output cable	A07RN-F 3X1	A07RN-F 3X1	H07RN-F 4G1	H07RN-F 4G1
Cable diameter	9 ± 0,3 mm	9 ± 0,3 mm	10 mm nominal value	10 mm nominal value
Code	KGM0006KY0	HGM0006HY0	KZM00065Y0	HZM0006LY0
Features				
Microswitch electrical features	16(4)A 250V ~	21(8)A 250V~	16(4)A 250V ~	21(8)A 250V~
Approval certificates	ENEC/CE	ENEC/CE	ENEC/CE	ENEC/CE
External marking	10(4)A 250V~	10(8)A 250V~	10(4)A 250V ~	10(8)A 250V~
Operating temperature	0° ÷ + 50° C	0° ÷ + 50° C	0° ÷ + 50° C	0° ÷ + 50° C
Storage temperature	-20°C ÷ + 80° C	-20°C ÷ + 80° C	-20°C ÷ + 80° C	-20°C ÷ + 80° C
Pollution Index	IP68	IP68	IP68	IP68
Switch angle	± 45°	± 45°	± 45°	± 45°
Dimensions	mm 81x131x41.5	mm 81x131x41.5	mm 81x131x41.5	mm 81x131x41.5
Weight	gr.157	gr.157	gr. 163	gr. 163
Volume	cm³ 280	cm³ 280	cm³ 280	cm³ 280
Specific weight	0,561	0,561	0,582	0,582
Buoyancy	gr.123	gr.123	gr.117	gr.117
Max depth level	1BAR	1BAR	1BAR	1BAR
Housing	Non-toxic polypropylene (PP)	Non-toxic polypropylene (PP)	Non-toxic polypropylene (PP)	Non-toxic polypropylene (PP)
Colouring	Non-toxic	Non-toxic	Non-toxic	Non-toxic
Function class	II	II	I	I
Wiring (pag. 14)	fig.1-2	fig.1-2	H07RN-F 3G1 fig. 3-4 H07RN-F 4G1 fig. 7-8	H07RN-F 3G1 fig. 3-4 H07RN-F 4G1 fig. 7-8
note	Also available with H07RN - F 2x1 PVC 2x1 cable. In this case please specify if needed for filling or emptying function.		Also available with H07RN-F 3G1 OIL RESISTANT cable. When ordering with 3G1 cable please specify if needed for filling or emptying function.	