



Industrial Control
Power Distribution
Energy Backup
Electric Material Supply
Renewable Energies

Price List - HydroSmart - 2015

Smart Motor Starter / Motor protector

Model: MP - Single and three phase

- ° Dry Run Protection With Sensor Free
- ° Switch Selector MAN / AUTO
- ° Memory Function When Power Off & Recovery
- ° LCD Screen Displays Pump Running Information
- ° Reserved Space For Installing Pump Start Capacitor
- ° Motor Stalled Protection
- ° Under / Over Voltage Protection
- ° Push Button Calibration
- ° Over Load Protection

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
MP-M1	0,5 hp - 1,5 Hp	IP42	110	1	\$ 137
MP-M1	0,5 hp - 3,0 Hp	IP42	220	1	\$ 124
MP-M3	0,5 hp - 3,0 Hp	IP42	220	3	\$ 163
MP-M3	3,0 Hp - 5,0 Hp	IP42	220	3	\$ 188
MP-M3	1,0 hp - 5,0 Hp	IP42	440	3	\$ 150
MP-M3	7,5 Hp - 10 Hp	IP42	440	3	\$ 176



Smart pump controller - One Pump

Model: M521 - Single Phase

- ° Different operation Sensors:
 - ! Level probes for water supply
 - ! Control of pressure by pressure switch
 - ! Drainage Control by Level Switch
- ° Dry Run Protection With Sensor Free
- ° Switch Selector MAN / AUTO
- ° Memory Function When Power Off & Recovery
- ° LCD Screen Displays Pump Running Information
- ° Reserved Space For Installing Pump Start Capacitor
- ° Motor Stalled Protection
- ° Under / Over Voltage
- ° Push Button Calibration
- ° Over Load Protection

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
M521	0,5 hp - 1,5 Hp	IP42	110	1	\$ 206
M521	0,5 hp - 3,0 Hp	IP42	220	1	\$ 223



Smart pump controller - One Pump

Model: M531 - Three phase

- ° Different operation Sensors:
 - ! Level probes for water supply
 - ! Control of pressure by pressure switch
 - ! Drainage Control by Level Switch
- ° Dry Run Protection With Sensor Free
- ° Switch Selector MAN / AUTO
- ° Memory Function When Power Off & Recovery
- ° LCD Screen Displays Pump Running Information
- ° Reserved Space For Installing Pump Start Capacitor
- ° Motor Stalled Protection
- ° Under / Over Voltage
- ° Push Button Calibration
- ° Over Load Protection

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
M531	0,5 hp - 3,0 Hp	IP42	220	3	\$ 330
M531	3,0 Hp - 5,0 Hp	IP42	220	3	\$ 356
M531	1,0 hp - 5,0 Hp	IP42	440	3	\$ 314
M531	7,5 Hp - 10 Hp	IP42	440	3	\$ 338



Smart pump controller - One Pump / Basic protection

Model: L531 - Three phase

° Different operation Sensors:

- ! Level probes for water supply
- ! Control of pressure by pressure switch
- ! Drainage Control by Level Switch

- ° Dry Run Protection With Sensor Free
- ° Pump Accumulative Running Time Displaying
- ° Switch Selector Auto / Manual
- ° Pump Shaft Rust Protection
- ° Memory Function When Power Off & Recovery
- ° LCD Screen Displays Pump Running Information
- ° IP 54 Protection Grade
- ° Visual and audible alarm

- ° Pump Last Five Fault Record Displaying
- ° Over Load Protection
- ° Open Phase Protection
- ° Under / Over Voltage Protection
- ° Push Button Calibration
- ° Rapid Cycle Protection
- ° Motor Stalled Protection

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L531	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 611
L531	5,0Hp - 7,5 Hp	IP54	220	3	\$ 652
L531	10 Hp	IP54	220	3	\$ 677
L531	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 586
L531	7,5Hp - 15 Hp	IP54	440	3	\$ 635
L531	20 Hp	IP54	440	3	\$ 661



Smart pump controller - One Pump / Advance protection

Model: L931 - Three phase

° Different operation Sensors:

- ! Level probes for water supply
- ! Control of pressure by pressure switch
- ! Drainage Control by Level Switch

- ° Phase Reversal Protection
- ° Three Phase Unbalance Protection
- ° Push Button Calibration

Includes all features of the model L531

- ° Present One Dry Contacting Point
- ° Remote panel as accessory
- ° Available RS 485 Communication Port
- ° IP 54 Protection Grade



Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L931	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 833
L931	5,0Hp - 7,5 Hp	IP54	220	3	\$ 853
L931	10 Hp	IP54	220	3	\$ 875
L931	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 817
L931	7,5Hp - 15 Hp	IP54	440	3	\$ 842
L931	20 Hp	IP54	440	3	\$ 859



Operating basic applications

Smart pump controller - Two Pumps / Basic protection

Model: L532 - Three phase

- ° Different operation Sensors:
 - ! Level probes for water supply
 - ! Control of pressure by pressure switch
 - ! Drainage Control by Level Switch
- ° Basic operating functions:
 - ! Alternation: Main pump / reserve pump
 - ! Addition: Start Stand-by pump if required
 - ! Backup: Automatic start backup pump
- ° Dry Run Protection With Sensor Free
- ° Pump Accumulative Running Time Displaying
- ° Switch Selector Auto / Manual
- ° Pump Shaft Rust Protection
- ° Memory Function When Power Off & Recovery
- ° LCD Screen Displays Pump Running Information
- ° IP 54 Protection Grade
- ° Pump Last Five Fault Record Displaying
- ° Over Load Protection
- ° Open Phase Protection
- ° Under / Over Voltage Protection
- ° Push Button Calibration
- ° Rapid Cycle Protection
- ° Motor Stalled Protection

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L532	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 826
L532	5,0Hp - 7,5 Hp	IP54	220	3	\$ 899
L532	10 Hp	IP54	220	3	\$ 982
L532	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 809
L532	7,5Hp - 15 Hp	IP54	440	3	\$ 883
L532	20 Hp	IP54	440	3	\$ 965

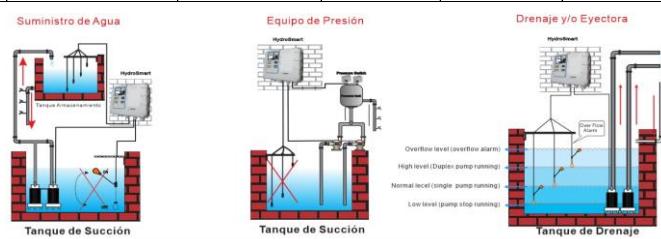


Smart pump controller - Two Pumps / Advance protection

Model: L932 - Three phase

- ° Different operation Sensors:
 - ! Level probes for water supply
 - ! Control of pressure by pressure switch
 - ! Drainage Control by Level Switch
- ° Basic operating functions:
 - ! Alternation: Main pump / reserve pump
 - ! Addition: Start Stand-by pump if required
 - ! Backup: Automatic start backup pump
- ° Includes all features of the model L532
- ° Present One Dry Contacting Point
- ° Remote panel as accessory
- ° Available RS 485 Communication Port
- ° Phase Reversal Protection
- ° Three Phase Unbalance Protection
- ° Push Button Calibration
- ° IP 54 Protection Grade

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L932	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 1040
L932	5,0Hp - 7,5 Hp	IP54	220	3	\$ 1097
L932	10 Hp	IP54	220	3	\$ 1196
L932	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 1024
L932	7,5Hp - 15 Hp	IP54	440	3	\$ 1081
L932	20 Hp	IP54	440	3	\$ 1180



Operating basic applications

Smart pressure boosting Controller / Analog transducer - One Pump

Model: L931/B - Three Phase

- Basic operating functions:

Protection and control of a three-phase pump with direct starter. This specially designed for constant pressure system by adopting a pressure transmitter (Analog). The user can easily set different pressure values and observe the value of the dynamic pressure of the pipe on the LCD panel

- Includes pressure transmited of 0-2,5 MPA**

- Includes all features of the model L931**

- Management Escalizable signal (Analog)
- Easy adjustment of start and stop values
- Accurate visualization of the dynamic pressure of the pipe
- Pump Last Five Fault Record Displaying

- Switch Selector Auto / Manual

- IP 54 Protection Grade
- Remote panel as accessory
- Push Button Calibration

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L931/B	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 1031
L931/B	5,0Hp - 7,5 Hp	IP54	220	3	\$ 1064
L931/B	10 Hp	IP54	220	3	\$ 1123
L931/B	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 1015
L931/B	7,5Hp - 15 Hp	IP54	440	3	\$ 1045
L931/B	20 Hp	IP54	440	3	\$ 1106



Smart pressure boosting Controller / Analog transducer - Two Pumps

Model: L932/B - Three Phase

- Basic operating functions:

Protection and control for two three-phase pumps with direct starter. This specially designed for constant pressure system by adopting a pressure transmitter (Analog). The user can easily set different pressure values and observe the value of the dynamic pressure of the pipe on the LCD panel

- Basic operating functions:

- ! Alternation: Main pump / reserve pump
- ! Addition: Start Stand-by pump if required
- ! Backup: Automatic start backup pump

- Includes pressure transmited of 0-2,5 MPA**

- Includes all features of the model L932**

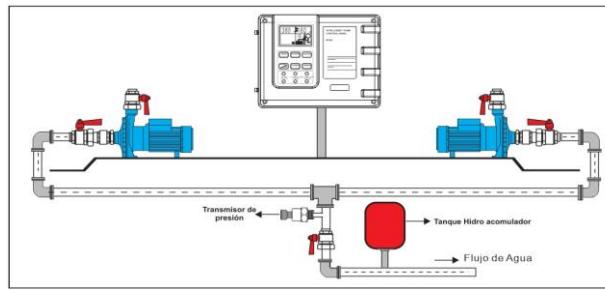
- Management Escalizable signal (Analog)
- Easy adjustment of start and stop values
- Accurate visualization of the dynamic pressure of the pipe
- Pump Last Five Fault Record Displaying

- Switch Selector Auto / Manual

- IP 54 Protection Grade
- Remote panel as accessory

- Push Button Calibration

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L932/B	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 1255
L932/B	5,0Hp - 7,5 Hp	IP54	220	3	\$ 1328
L932/B	10 Hp	IP54	220	3	\$ 1420
L932/B	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 1238
L932/B	7,5Hp - 15 Hp	IP54	440	3	\$ 1312
L932/B	20 Hp	IP54	440	3	\$ 1403



Operating basic applications

Smart Eyector and Drainage Controller / Analog transducer - One Pump

Model: L931/S - Three Phase

- Basic operating functions:

Protection and control of a three-phase pump with direct starter. This specially designed for the pumping system resiaduales waters by adopting a pressure transmitter (Analog). The user can easily configure the different depths of the tank and observe the depth of the liquid in the LCD panel

- Includes level transmitter of 0-5 Mt**

- Includes all features of the model L931**

- Management Escalizable signal (Analog)
- Easy adjustment of start and stop values
- Pump Last Five Fault Record Displaying

- Switch Selector Auto / Manual
- IP 54 Protection Grade
- Remote panel as accessory
- Push Button Calibration

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L931/S	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 1130
L931/S	5,0Hp - 7,5 Hp	IP54	220	3	\$ 1163
L931/S	10 Hp	IP54	220	3	\$ 1189
L931/S	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 1114
L931/S	7,5Hp - 15 Hp	IP54	440	3	\$ 1147
L931/S	20 Hp	IP54	440	3	\$ 1172



Smart Eyector and Drainage Controller / Analog transducer - Two Pumps

Model: L932/S - Three Phase

- Basic operating functions:

Protection and control of two pumps with three-phase direct starter. This specially designed for the pumping system resiaduales waters by adopting a pressure transmitter (Analog). The user can easily configure the different depths of the tank and observe the depth of the liquid in the LCD panel

- Basic operating functions:

- ! Alternation: Main pump / reserve pump
- ! Addition: Start Stand-by pump if required
- ! Backup: Automatic start backup pump

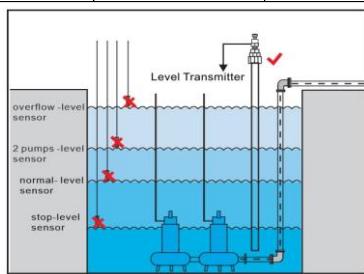
- Includes level transmitter of 0-5 Mt**

- Includes all features of the model L932**

- Management Escalizable signal (Analog)
- Easy adjustment of start and stop values
- Display exact tank depth
- Pump Last Five Fault Record Displaying

- Switch Selector Auto / Manual
- IP 54 Protection Grade
- Remote panel as accessory
- Push Button Calibration

Model	Range (Hp)	Protection	Voltage (Vac)	Phases	Price USD
L932/S	0,5 Hp - 3,0 Hp	IP54	220	3	\$ 1304
L932/S	5,0Hp - 7,5 Hp	IP54	220	3	\$ 1378
L932/S	10 Hp	IP54	220	3	\$ 1469
L932/S	0,5 Hp - 5,0 Hp	IP54	440	3	\$ 1295
L932/S	7,5Hp - 15 Hp	IP54	440	3	\$ 1361
L932/S	20 Hp	IP54	440	3	\$ 1453



Operating basic applications