



## VARIABLE SPEED DRIVE VSD1

VSD1 is a 1x230V single-phase device which is able to modulate the speed of a three-phase pump 3x230V with the purpose to maintain constant pressure. VSD1 is able to control two different set points

- ◆ COMPACT SIZE
- ◆ EXTREMELY SILENT
- ◆ 2 SET POINTS



### TECHNICAL FEATURES

- Max motor current 9.3 Amp
- Power supply voltage 1x230 V
- Electropump voltage 3x230 V
- Liquid temperature 45° C
- Max operating pressure 10 bar
- Pressure regulation range 1 ÷ 9 Bar
- Set point 1
- Inlet 1" ¼ M (male)
- Outlet 1" ½ F (female)
- Protection degree IP55
- Set points 2
- Output rele (free contact) 2 (fault; pump running)
- Digital input Float switch, second set point selection
- Connectivity Serial interface RS 485
- Cyclical changeover of pumps if used in twin-pump units

### WORKING POSITION

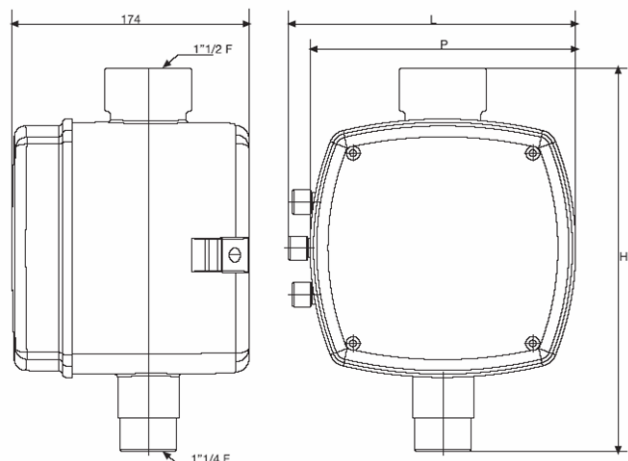


### PROTECTION DEVICES

- Dry running
- Amperometric
- Overcurrent
- Overtemperature of the electronics

### APPLICATIONS

- Irrigation
- Industry
- Hotel installations
- Buildings
- Washing systems



### DIMENSIONS AND WEIGHTS

Code	Model	Dimensions mm.			Weight kg.
		L	H	P	
ZB902180	VSD1	22	28	18	3.8