

VSD

ELECTRONIC FREQUENCY CONVERTER

- Energy savings
- Constant output pressure with an increase of comfort for the final user
- Silent operation
- Multi purpose solution
- Inter flow sensor
- Control panel LCD display



DESCRIPTION

VSD (Variable Speed Drive) is a static frequency converter that controls the speed of an electric pump to maintain constant pressure even when water demand changes.

This regulation is possible through a pressure sensor and a flow sensor connected to the inverter.

VSD controls a three-phase pump and it is able to communicate with another hydraulic device thanks to the installation of a communication cable. The supply VOLT. can be single phase 230V or three-phase 400V depending on the model.

APPLICATIONS

- To start and stop single-phase surface or submersed pumps.

MECHANICAL DATA

Run dry protection	Yes	Temperature of the liquid max.	40 °C
Operating pressure max.	16 bar	Weight	2.7 kg

ELECTRICAL DATA

Voltage	1/N/PE~230 V	Ambient temperature max.	50 °C
Pump voltage	3/N/PE~230 V	Frequency	50/60 Hz
Type of enclosure	IP 55		

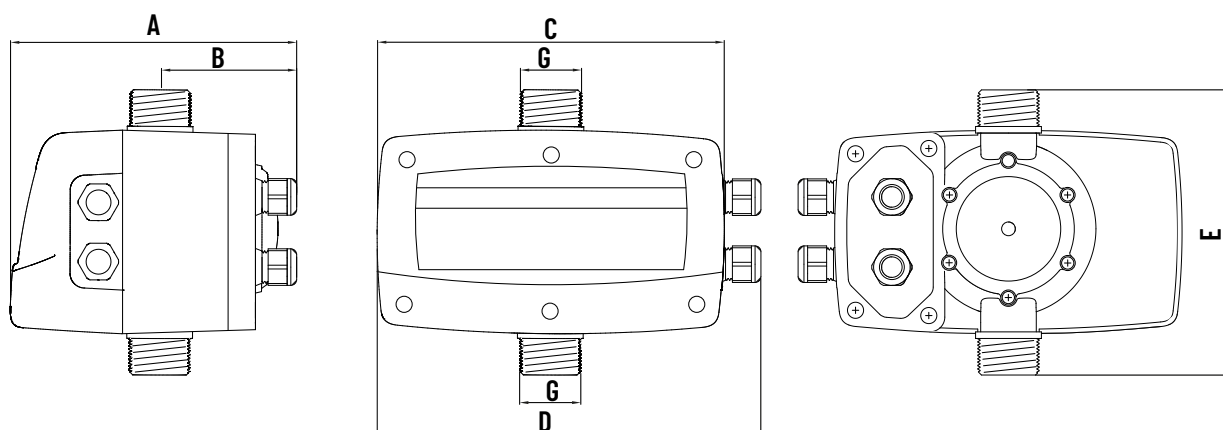
VSD

Type	Code No.	Motor protection
VSD 6 M/T	ZB902520	6 A
VSD 10 M/T	ZB902530	10 A

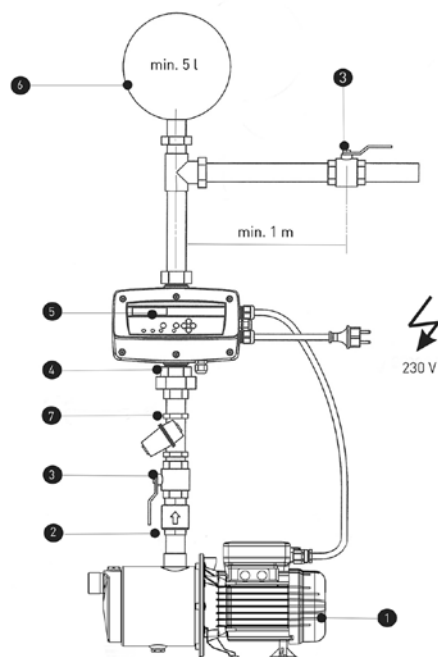
VSD

ELECTRONIC FREQUENCY CONVERTER

Fig. 1



Installation



DIMENSIONS [mm]

Type	Fig.	A	B	C	D	E	D
VSD 6 M/T	1	196	93	237	262	196	1 1/4"
VSD 10 M/T	1	196	93	237	262	196	1 1/4"