

# Rapida 2.0

THE LATEST NEW DOSEURO PRODUCT FOR IMPROVING THE ALREADY KNOWN HIGH PERFORMANCE PUMPS.

Quick and Easy is the RAPIDA's motto, thanks to the display, control board and different function that allow immediate changes to the pump settings.

The RAPIDA 2.0 is able to control the flow rate by changing the speed of the motor. The integrated VFD board allows the user to enter the desired flow rate and the speed is adjusted automatically.

It is specifically fitted to the entire range of Doseuro SR series pumps.



## Application

- Water & waste-water treatment
- Food industry
- Textile industry
- Power station
- Pulp & paper industry

## Features

- Units can be displayed in Lt/H, GPH, or percentage of frequency
- Orientation 0°- 90°
- Accurate dosing
- Easy to install
- Able to be installed on existing pumps
- Reduced overall dimensions
- Two-level password setting
- Operating time monitor
- Flow rates can adjusted precisely to the site conditions
- Inverter can be remote mounted

## Function

- Manual: flow rate adjustment with digital display
- Analogic: flow rate adjustment with input 4-20mA or 0-20mA or 0-10V or 2-10V
- RS485 serial port: flow rate adjustment with ModBUs/RTU protocol
- Level control setting: predisposed to be connected to level sensor
- Batch dosing: pump can be programmed to dispense a specific amount of chemical
- Pulse dosing: pump can be programmed for proportional operation following a pulse signal
- Up to 4 overlapping weekly time schedules can be connected to relay switches
- Priming: mode to facilitate pump start-up
- Time and date

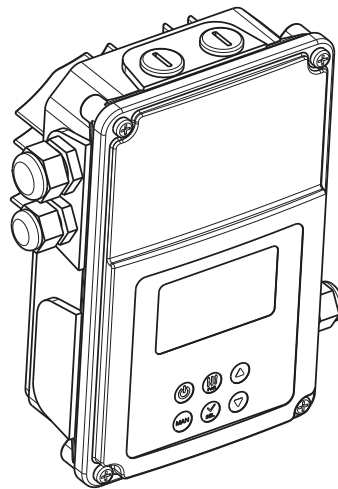
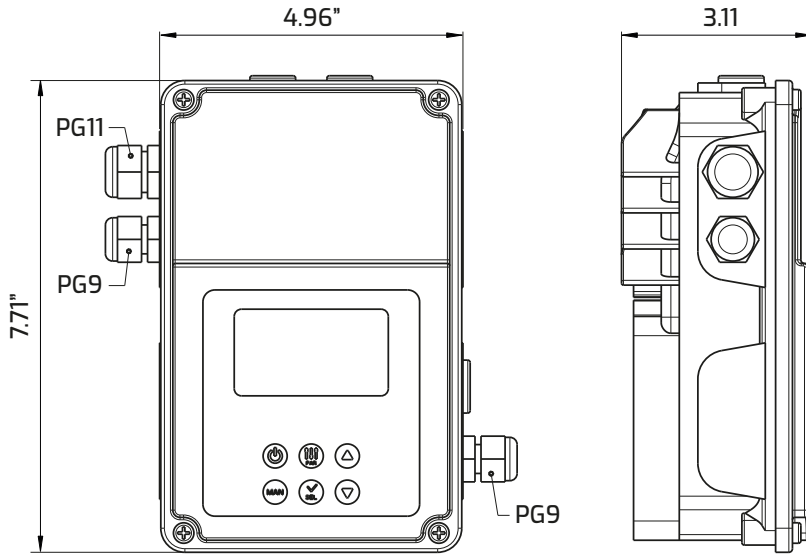
## Technical data

- Vector voltage control for variation in frequency to control a 3Ph motor
- Motor power: from 1/6 HP to 1 HP
- Power supply: 1Ph 230V ( $\pm 10\%$ ) 50/60Hz - upon request 1Ph 110V ( $\pm 10\%$ ) 50/60Hz
- Protection: IP55
- Ambient temperature: 0 to 45°C
- Ambient altitude: up to 1000 m above sea level
- Rated motor current FLA @ 230 VAC = 3.5 A
- Guaranteed overload capacity in continuous service: 150%
- A.C. side current consumption at motor  $P_{\text{nominal}} 4.3 \text{ A (Rms)}$

### Pump assignment

Pump model	RAPIDA2.0 FM 1/6 HP	RAPIDA2.0 02 1/2 HP	RAPIDA2.0 0.3 1/1 HP	RAPIDA2.0 0.5 3/4 HP	RAPIDA2.0 0.7 1 HP
FM050N	■				
D050N		■			
D100N		■	■		
D101N		■	■		
D121N				■	
D122N				■	■
A-B-BR-SD 125N		■			
A-B-BR-SD 175N		■	■		
A-B-BR-SD 250N				■	■
A350N					■





How to read Rapida code

