

# DRIVE CONTROLLER

## MARI / INVEOR M

Fully programmable frequency controller

Provides exact and quick adjustment to changing operating conditions for pumps in general water supply



MARI



INVEOR M

## TECHNICAL DATA

	MARI	INVEOR M
● <b>Performance range</b>	up to 11 kW	up to 22 kW
● <b>Line current</b>	up to 23 A	up to 48 A
● <b>Supply voltage</b>	230 or 400 V	230 or 400 V
● <b>Frequency</b>	50 or 60 Hz	50 or 60 Hz
● <b>Housing</b>	Aluminum/ABS	Die-cast aluminum, two-part
● <b>Protection class</b>	IP 66	IP 65 up to 7,5 kW IP 55 from 11 kW
● <b>System</b>	Single operation Chain operation with 2 pumps Multi operation with up to 4 pumps	Single operation
● <b>Operation</b>	Integrated keypad with backlit clear text display	Integrated foil keypad External or integrated handheld controller Touch operating terminal PC software * Smartphone (via Bluetooth)*
● <b>Interfaces</b>	RS 485 Modbus Slave	Modbus RTU (CANopen, PROFIBUS, PROFINET, EtherCAT or Sercos III available as option)
● <b>Certification</b>	–	UL/CSA

\*the free software is available for download from the manufacturer's website as PC software and from the Apple App Store or the Google Play Store as a smartphone app

- compact design
- free programmable
- robust housing
- motor- or wall-mounted
- configured at the factory
- extensive interfaces
- stepless adjustment of speed
- high energy efficiency

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### CONTROLL PROCESSES

Asynchronous and synchronous motors with efficiency class IE 3 or IE 4

### OPERATING MODES

Pressure controller, level controller, frequency converter, temperature controller, vacuum controller