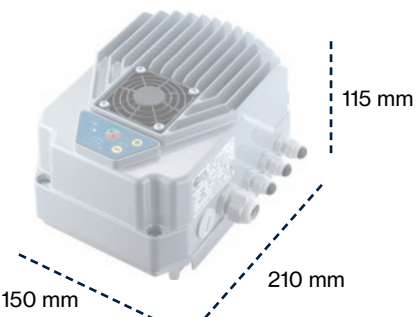


WHAT IS IT

Epica is a device for the control and protection of pumping systems based on the variation of the input frequency of the pump. It controls the operation of the pump in order to maintain constant pressure at various conditions of use

FEATURES



SPECIFICATIONS

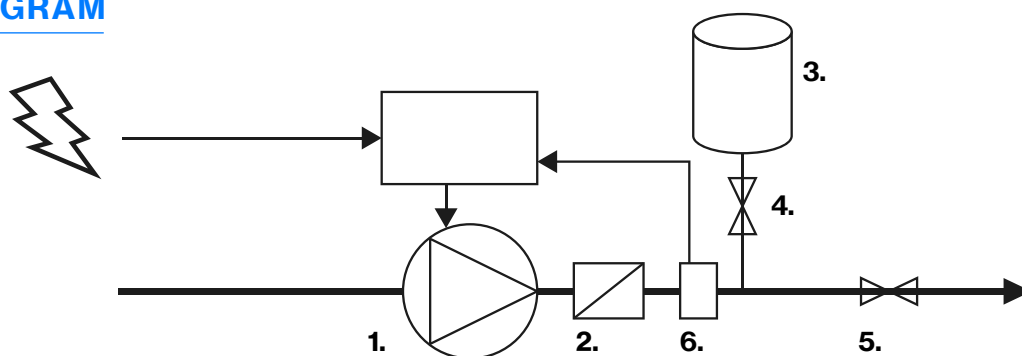
Frequency	48-62 Hz
Max ambient temperature	40° C (104° F)
Max humidity	50% a 40° C
Max altitude	1000 m
PWM configurable	2,5; 8 KHz

Compatible with SPD
Pressure Transducer
0-16 bar



INSTALLATION DIAGRAM

1. Pump
2. Non return valve
3. Pressure tank
4. Valve-Tap
5. Valve
6. Pressure sensor



Pressure tank volume suggested: 10% of the capacity of the system

AVAILABLE PUMPS WITH EPIC

TYPE	up to	
	HP	kW
CAM	2	1,5
CAB	2	1,5
INOX	1	0,74
MPX	1,2	0,88
MB	2	1,55
CM	1,5	1,1
CR	1	0,74
CS 2"	2	1,5
CH	2	1,5
CB	1,5	1,1
ULTRA 3	2,5	1,8
ULTRA 5	2,5	1,8
ULTRA 7	2,5	1,8
ULTRA 9	2	1,5
ULTRA 18	1,8	1,3

ADVANTAGES

- Energy and cost savings
- Integrated on PENTAX pumps
- Simplified installation and lower installation costs
- Overload protection of the motor with maximum current setting
- Protection against dry running (adjustable power factor $\cos\phi$)
- Automatic restart in case of arrest for dry running
- Remote starting and stopping via digital inputs
- Soft star and stop to increase the life of the system and reduce the absorption peaks
- Connection to another EPIC to achieve alternating combined operation
- Fuse for input protection of the device
- Recognition and signaling alarms during operation by blinking frequency of the LEDs
- Contacts (NO or NC) for connection of remote alarms
- Integrated electronic power factor corrector (PFC) to ensure compliance to EN61000-3-2

EPIC is the ideal solution for the production of booster sets with a maximum of 2 pumps connected in COMBO (parallel).

