

# BRIO TANK



## ELECTRONIC DEVICE FOR ELECTRIC PUMP CONTROL

- It automatizes the start and stop operations of **single-phase electric pumps up to 2HP**
- It replaces completely the traditional water system set up consisting on pressure switch and pressure tank
- It starts the electric pump after a pressure decrease (taps opening) and stops it when the fluid flow interrupts at the maximum pressure level of the electric pump (taps closing)
- A small **0,4 l water tank is integrated** and it prevents unlikely frequent start and stop of the pump in case of small request of water and in case of leakages on the installation
- **Replaceable EPDM bladder of the pressure tank**
- Adjustable pre-charge pressure (factory setting 1 bar) of the pressure tank
- Integrated pressure gauge
- **It protects against the dry running and water hammering**
- **Starting pressure is adjustable during installation**
- Standard 1" M hydraulic connections
- Installation in any position - both vertical and horizontal - according to the flow direction
- **Electronic printed circuit board housed in a waterproof compartment protecting against water condensation**
- No need of maintenance

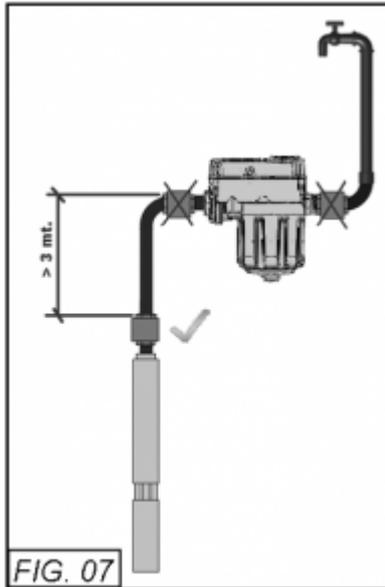
**APPLICATIONS:** Electronic flow and pressure devices, Dry running protection



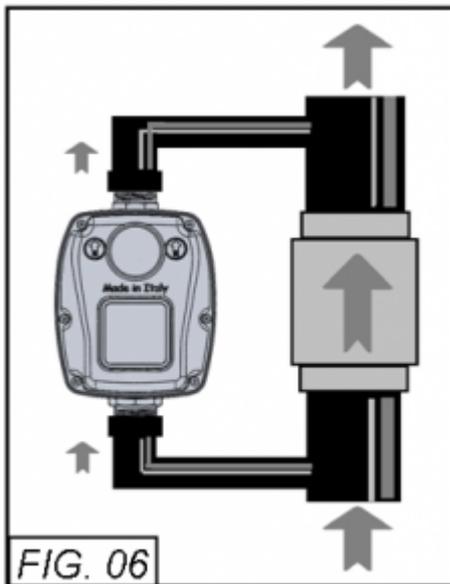
## TECHNICAL DATA

<b>Power supply:</b>	230Vac $\pm$ 10% 50/60Hz *
<b>Max rated current:</b>	12A
<b>Starting pressure range:</b>	1-3,5 bar
<b>Max allowable pressure:</b>	10 bar
<b>Protection degree:</b>	IP 65
<b>Max fluid temperature:</b>	35°C
<b>Max ambient temperature:</b>	45°C
<b>Gross volume of pressure tank:</b>	0,4l
<b>Factory pre-charge pressure of the tank:</b>	1.0Bar

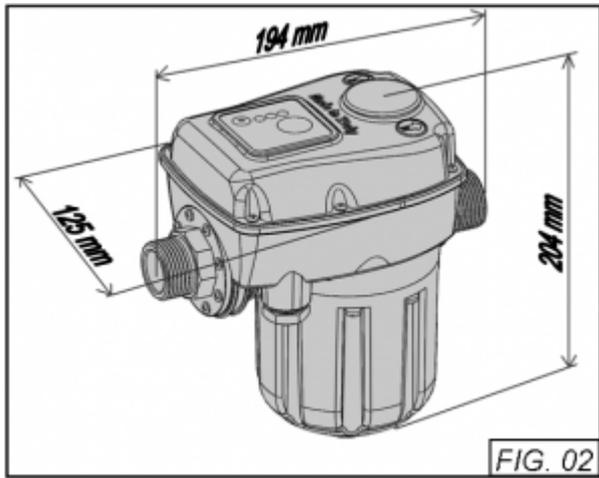
## DRAWINGS



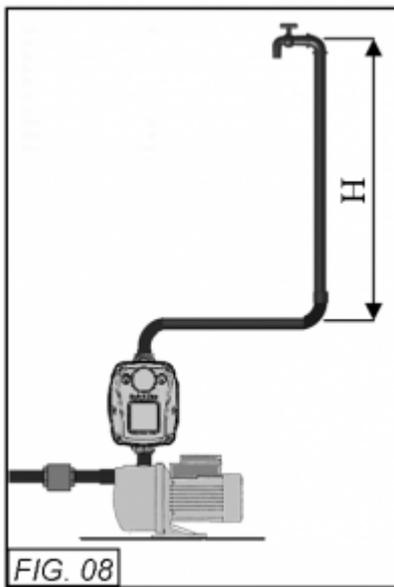
INSTALLATION WITH SUBMERSIBLE PUMP



BY-PASS



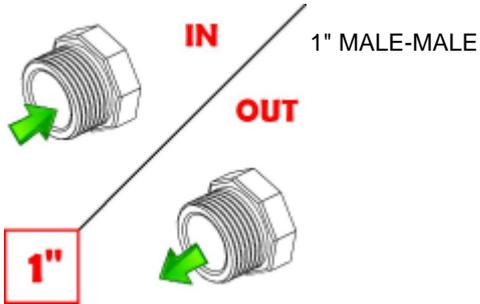
OVERALL DIMENSIONS



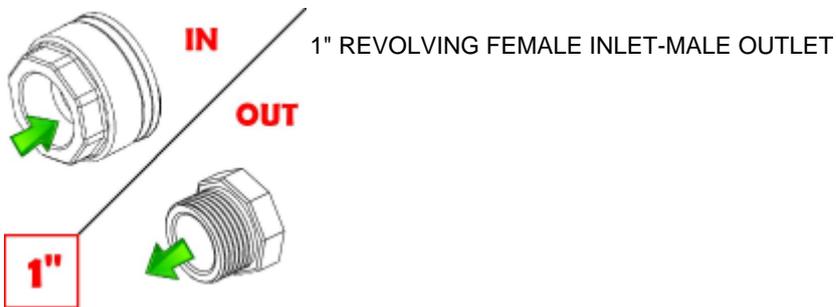
MAXIMUM HEAD H=35m

**ATTACH**

1" M-M



1" G-M



**OPTIONAL**

**Automatic Reset**



Automatic reset after a stop caused by dry running, standard time-interval 60 min/4 tests



**Electrical cables for motor and line connection**



Version with electrical cables for motor and line connection

**1" Plastic Elbow 90°**



1" plastic elbow for a quick installation of the device on the electric pump

**T plastic fitting**



T plastic fitting

**Customized settings**



Customized settings

**Revolving nut fitting 1" F**



Revolving nut fitting 1" F



Viale Europa, 31- 35020 Tribano - Padova (PD) - Italy  
Tel. +39.0499.585.388 Fax. +39.0495.342.439  
[www.italtecnica.com](http://www.italtecnica.com) - [italtecnica@italtecnica.com](mailto:italtecnica@italtecnica.com)

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