MP Plus Installation and Startup Instructions

Installation and Startup

The device can be installed directly on the pump or between the pump and the first tap.

Make all the electrical connections, check that the pump is correctly primed, open a tap and energize.

From now on, the device will turn the pump on and off depending on the opening and closing of the tap.

In case of water shortage, the device will stop the pump and protect it from dry running (red "Failure" LED blinking).

In case of a temporary blackout, the device will automatically rearm once the electricity returns.

Automatic Restart/Rearm

In case of stopping due to a water shortage, the device will automatically make 10 double attempts to rearm over the 24 hours following the failure, each lasting approximately 5 seconds to allow the pump and the system to reload if possible.

After the last failed rearming attempt, the device will remain permanently in alarm (red "Failure" LED blinking) pending manual rearming by pressing the "Restart" button.

The user can always try to rearm the device at any time by pressing the "Restart" button.

After 24 hours it will make a single rearming attempt of 5 seconds, and if in this case it finds water it will reset and repressurise the system. If the pump does not find water, it will return in failure and will try to rearm again after 24hrs.

If water returns at any time during the rearming procedure, the device will automatically restart.

Anti-Jamming Function

If for any reason the pump remains idle for 24 consecutive hours, the device will carry out a start-up of the pump for about 5 seconds (anti-jamming function).

Automatic Restart/Rearm Time Sequence

The simplified time sequence of the double rearms is as follows:

1st rearm attempt after failure	10 sec
2nd rearm attempt after the previous attempt	20 sec
3rd rearm attempt after the previous attempt	15 min
4th rearm attempt after the previous attempt	30 min
5th rearm attempt after the previous attempt	1 hr
6th rearm attempt after the previous attempt	2 hr
7th rearm attempt after the previous attempt	3 hr
8th rearm attempt after the previous attempt	4 hr
9th rearm attempt after the previous attempt	5 hr
10th rearm attempt after the previous attempt	6 hr

GOULDS WATER TECHNOLOGY

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