



Genyo *plus* TKit

ELECTRONIC PRESSURE SWITCH WITH INTEGRATED PRESSURE GAUGE
AND COMPLETE PUMP PROTECTION

Genyo *plus*

Genyo *plus* is an electronic pressure switch with an integrated digital pressure gauge and complete pump protection set. It can manage the start and stop of single-phase electric pumps up to 3 HP (2.2 kW). Three operating modes (differential, reverse and synchronized) provide extreme versatility.

Cut-in and cut-out pressure set points can be easily and accurately set through a user-friendly interface. Genyo *plus* includes also instantaneous current reading as well as overcurrent, dry-running and fast cycling protection. Genyo *plus* is WRAS certified for drinking water use, and can work in parallel with another unit to control two-pump booster sets.

Genyo *plus*, optimized with a pressure vessel, can significantly extend pump's lifetime while providing additional savings on energy bills.

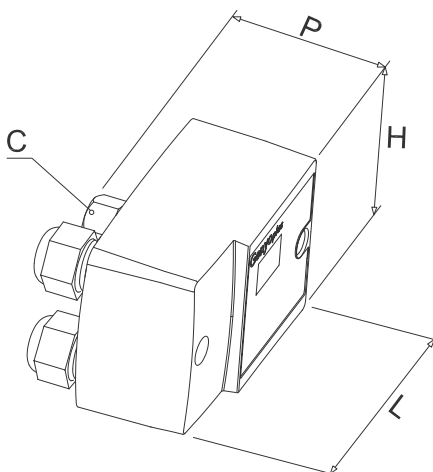
COMPLETE PUMP PROTECTION

- Dry-running protection with automatic reset test
- Overcurrent protection
- Fast-cycle protection: the unit detects potential leakages, which can lead to frequent start-stops and activates an alarm.



DIMENSIONS

L=	112 mm (4,4 in)
H=	75 mm (2,95 in)
P=	75,1 mm (2,96 in)
C=	Rp 1/4"



TECHNICAL CHARACTERISTICS

Power supply	1 ~ 110÷230V
Frequency	50/60 Hz
Max. Current	16 A
Maximum pump power	2,2 kW (3 HP)
Starting pressure range (cut-in)	0,5 - 7 bar
Starting pressure range (cut-out)	1 - 8 bar
Maximum differential	7,5 bar
Minimum differential (adjustable)	0,5 - 1,5 bar
Maximum pressure PN	8 bar
Protection degree	IP55
Max. environment temperature	50°C

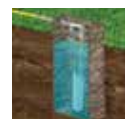


Gardening

Genyo *plus* can be combined to any surface pump (up to 2,2kW single phase) to provide a gardening irrigation system with the appropriate pressure.

Groundwater supply

Genyo *plus* is the ideal solution to provide the right pressure to groundwater, supplying toilets, washing machines and other appliances.



Drinking water supply

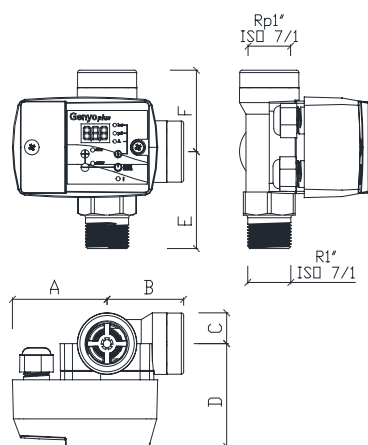
Genyo *plus* can be applied to any 2-pump booster set managing the cyclic exchange between the two pumps and balancing operating times.

Genyo *Plus* TKit

Genyo *plus* TKit is an electronic pressure switch pre-assembled on a 3-ways fitting with an integrated digital pressure gauge and complete pump protection set. It can manage the start and stop of single-phase electric pumps up to 3 HP (2.2 kW). Three operating modes (differential, reverse and synchronized) provide extreme versatility.

Cut-in and cut-out pressure set points can be easily and accurately set through a user friendly interface. Genyo *plus* TKit includes also instantaneous current reading as well as overcurrent, dry-running and fast cycling protection. Genyo *plus* TKit can work in parallel with another unit to control two-pump booster sets.

Genyo *plus* TKit includes an integrated non return valve and, optimized with a pressure vessel, can significantly extend pump's lifetime while providing additional savings on energy bills.



DIMENSIONS

A=	73,1 mm (28,8 in)
B=	59,1 mm (23,3 in)
C=	23 mm (0,911 in)
D=	76,8 mm (30,2 in)
E=	72,4 mm (28,5 in)
F=	60,8 mm (23,9 in)

TECHNICAL CHARACTERISTICS

Power supply	1 ~ 110÷230V
Frequency	50/60 Hz
Max. Current	16 A
Maximum pump power	2,2 kW (3 HP)
Starting pressure range (cut-in)	0,5 - 7 bar
Starting pressure range (cut-out)	1 - 8 bar
Maximum differential	7,5 bar
Minimum differential (adjustable)	0,5 - 1,5 bar
Maximum pressure PN	8 bar
Protection degree	IP55
Max. environment temperature	50°C
Inlet thread	G 1" M
Outlet thread	G 1" F
Pneumatic tank thread	G 1" F



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We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings.

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