

# LOWARA GENYO

electronic pump control and protection system



## Fittings

### Description

The Genyo series is a series of compact electronic controls. The Genyo regulates and controls the pressure and flow of single-phase pumps. The Genyo is equipped with a built-in pressure switch, flow switch, dry-running protection, motor protection, and check valve. The Genyo electronic control unit controls the start and stop of single-phase pumps for water when a tap or valve connected to the system behind the Genyo is opened or closed. Once the pump has started, it will continue to run as long as any tap in the system remains open. Two versions are available: 8A with three fixed start pressures and 16A with automatic restart and adjustable pressure.

### Connections

- o inlet: 1"
- o outlet: 1"
- o check valve
- o dry-running protection
- o pressure gauge
- o manual reset button
- o automatic reset (Genyo 16A)
- o LED power indicator (POWER)
- o LED pump indicator (ON)
- o LED safety system indicator (FAILURE)

### Specifications

- o power supply: 1-phase 220-240 Volt – 50 Hz
- o max. current: 8 or 16 A
- o max. power: 1500 or 2200 Watt
- o sealing: IP65
- o fluid temperature: max. 60 °C
- o output: up to 10 m<sup>3</sup>/h
- o max. pressure: 10 bar
- o start pressure setting:
  - o 1,5 – 3 bar (Genyo 16A)
  - o 1,0 – 1,6 – 2,2 bar (Genyo 8A)
- o recommended cable diameter: H07RN-F 3G1 (8 - 10,7 mm)