

Pump Controller Type ABS PC 111

Features:

- Pump start/stop with level-sensor or float switch
- Hand-0-auto switch
- Output for start capacitor
- Output for pump reverse
- Illuminated display
- Level/Pressure indication: m, ft, bar
- Jog-knob for easy menu selection/programming
- Built-in current transformer
- Delta Cos ϕ for pump stop/dry running protection
- Pump exercise timer
- Max running time function
- Input for temperature sensor
- Input for leakage sensor
- Input for battery backup
- Built-in battery charger
- Input for high-level float switch
- Input for pump blocking
- Alarm contact
- Pump reverse function



Technical specifications:

Ambient operating temperature:	-20 to +50 °C
Ambient storage temperature:	-30 to +80 °C
Mounting:	DIN Rail 35 mm
Humidity:	0-95 % RH non condensing
Dimensions:	HxWxD 118x128x72 mm Depth 55 from panel surface
Power supply:	230 VAC (210-250 V)
Power consumption:	30 mA 230 VAC, 120 mA 12 V DC
Max load on relays:	250 VAC, 4 A, 100 VA resistive load
Digital input voltage:	5-34 V DC
Digital input resistance:	5 kohm
Analogue sensor:	4-20 mA
Analogue input resistance:	110 ohm
Temperature sensor:	PTC, limit >3 kohm
Leakage sensor:	Limit 50 kohm
Analogue input resolution:	12 bits
Max. length of I/O cables:	30 meters
Charge current for battery:	Max. 80 mA, 13.7 V DC
Weight:	0.45 kg

