TERMINAL BOX K7E

Description

Terminal box with electronic controller. User friendly with push buttons for desired setpoint and hysteresis.

LED display for monitoring setpoints, process value and setup. K7E fits our element heads from 1¼" to 2½".

K7E is designed to operate stand-alone or with other external control systems.

Technical specification

Material	Polycarbonate (PC)	
Dimension	95x92x110 mm	
Protection class	IP54	
Power range of heating units used	From 1000 W to 12000 W	
Supply voltage:	230 VAC +N or 3x400 VAC +N	
Max operating pressure	9 bar (immersion heater)	
Protection	Temperature, independent	110°C
	Temperature, by software	100°C
	Detection of no water	> 1°C/3 s
	Detection of no heating	After 60 min
Measurement range	-45°C - 195°C	
Setpoint range	5°C - 90°C Hysteresis is adjustable 1-10°C	
Measurement resolution	0,1°C	
Data reading	7 segments LED display	
Signalling	LED diodes - Signalling about heating and alarms LED diodes - Communicates measurements & settings	
Ambient temp	5°C - 50°C	
Measurement time	0,5 s	
Sensor	NTC 10 kΩ	
Inputs	External control (SPST potential-free contact)	

Benefits

– Exact control of temperature via NTC

– Clear display of current temperature

– Choice of operating alternatives

– Compact design

– Input for external control