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Product Name :
Safety And Control In Heating Systems

Product Code :
LBNY-0005-12500054



Description :

Demonstration of the function of safety fittings in a closed water circuit with circulating pump and expansion vessel: air separator, quick-action ventilating valve, safety valve, flow switch, pressure reducing valve
Investigation of heating safety fittings
Electrical heater for thermal safety fittings: temperature controller, thermal discharge safety device
Demonstration of the function of safety fittings using compressed air: thermostatic valve, safety Pressure cut-out, safety valve, temperature controller, thermal discharge safety device.

Technical Specification :

Pump

Max. Flow rate: 60L/min
Max. Head: 4m
Power consumption: 70W
Measuring Ranges
Flow rate: 1...25l/min
Pressure: 2x 0...10bar
Temperature: 0...160°C

Thermal discharge safety device

Actuated at: 98°C
Pressure reducing valve: 1,5...6bar
Heater: 800W
Temperature controller: 70...100°C

Flow switch: 7,7...13,4L/min (increasing flow rate)
Safety pressure cut-out: 1...10bar, adjustable
Safety valve: 2,4bar.



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