

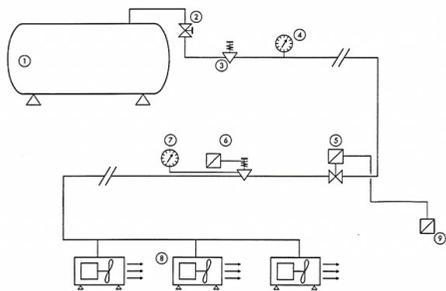
We advise you to provide fire protection to your propane system A fire security kit can be ordered separately

Principle of operation of fire protection system

Application: With the installation of a fire protection system, a heating or drying installation can be protected from overheating or fire.

Operation: The thermostat can be set and monitored the system from overheating on the desired maximum temperature. The solenoid valve is installed in the gas supply line and will close when the thermostat set maximum temperature. Also in case of power failure, the solenoid valve will block the gas. The closing time of the valve is less than 1 second.

Schematic representation arrangement in combination with a modulating propane control system



- 1: Propane Tank
- 2: Main gas valve
- 3: Fuel Pressure Regulator
- 4: Tank pressure gauge
- 5: Safety valve
- 6: pressure regulator Moduteck ®
- 7: Manometer outlet pressure
- 8: Air heaters
- 9: Max thermostat

9

5



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Manual modulating gas control

Type MS20-MS40-MS60HLX**/****

MS20 MS40



MS60

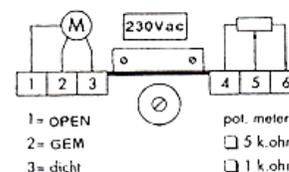


Operation: The Modutec ® systems can be used to regulate propane-fired heaters . Depending on the capacity multiple heaters can be connected. The control takes place by means of a central computer or a separate controller.

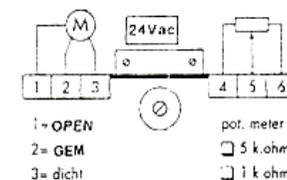
Installation instruction: Ensure a clean piping and check the tightness of the system before starting the work . For the electrical connection, see accompanying chart `s and assembly instructions. Always apply the local rules.

Options: The actuator can be equipped with a feedback potentiometer; 1 or 5 ohms or free switch contacts.

wiring diagram HLX 230

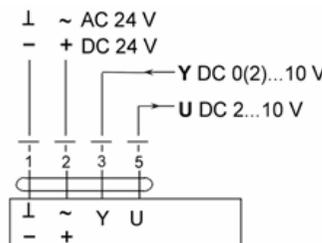


wiring diagram HLX24



wiring diagram HLX24SR

The servo-motor and regulator are in the workshop adjusted at the right pressure. When loss of control, the actuator can be set to manual. Therefore you use a screwdriver to turn the manual button in the housing and the desired position can be set using the lever .



Note: If the lever in the desired position, lock it by turning the manual button again . If it is not locked you can cause severe damage to the actuator. The controller should always be disabled when using manual

Controller type	MS20	MS40	MS60
connection size	1/4"X3/8"	1/4"X3/8"	1/2"x1/2"
pi	3,0 Bar	3,0 Bar	3,0 Bar
Pu	0,4-2,0 bar	0,4-2,0 bar	0,4-2,0 bar
capacity	20 Kg/h	40 kg/h	60kg/h
Type actuator	HLX230	HLX24	HLX24SR
power supply	230Vac	24Vac	24Vac
power	2,5W	2,5W	1,5W
stroke	5,5 mm	5,5 mm	5,5 mm
maturity	140sec.	140sec.	140sec.
positioning force	400N	400N	500N
steering	3 point	3point	0-10V
temperature	0-50°C	0-50°C	0-50°C
housing	IP40	IP40	IP40
EMC: CE89/336/EEC en 93/68/EEC			

