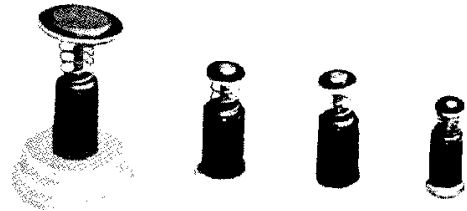


ELECTROMAGNETS FOR GAS APPLIANCES

Connected with thermocouples, the electromagnets are used as safety devices built in various gas cocks, gas valves, grill devices and water boilers.

Depending on the output voltage supplied by the thermocouple, the solenoid will be energized or deenergized, thus enabling or disabling gas to flow to the burner.

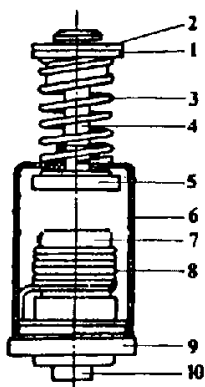


Specification

Type number	Resistance at 20 °C (mohm)	Holding current (mA)	Release current (mA)	Spring force with valve open (N)	Max. permissible ambient temp. (°C)
5300-1-450-	25	≤ 150	> 50	1.8	150
5300-1-550-	25	≤ 150	> 50	1.8	150
5300-1-770-	25	≤ 150	≥ 60	1.8	150
5300-1-950-	22	≤ 300	≥ 60	6.4	150
5300-1-870-	13	< 165	≥ 145	1.8	150

Two versions of thermocouple connection are available:

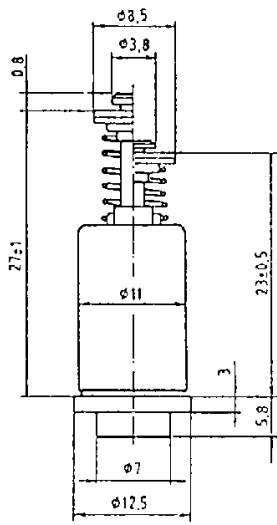
- M10 x 1 external thread
- Internal connection



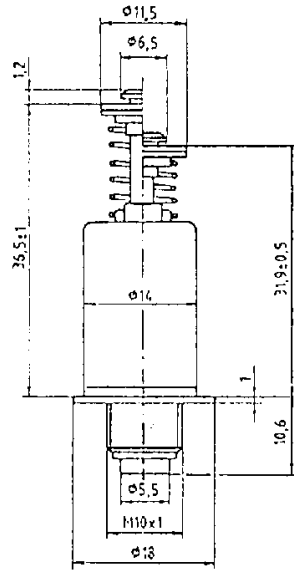
The solenoid consists of the parts as follows: (1) valve, (2) sealing, (3) spring, (4) valve shaft, (5) ferromagnetic disc; (6) casing, (7) U-shaped magnet, (8) coil, (9) supporting plate and (10) terminal.

The raw materials used enable the solenoid to be used for any sort of gas. Failed solenoids cannot be repaired; they shall be replaced.

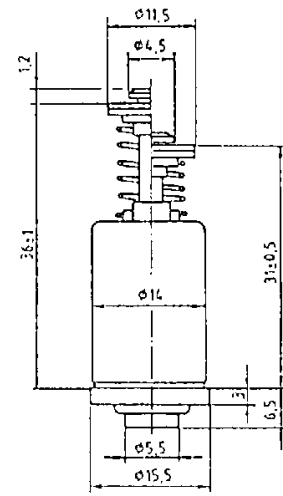
Colours: standard – black casing; service – red casing.



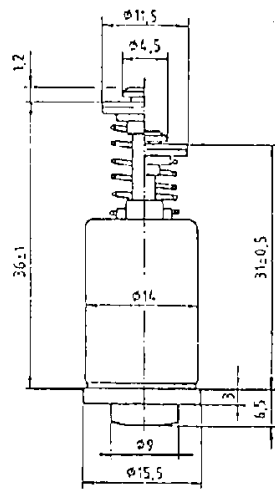
5300-1-450-0,2



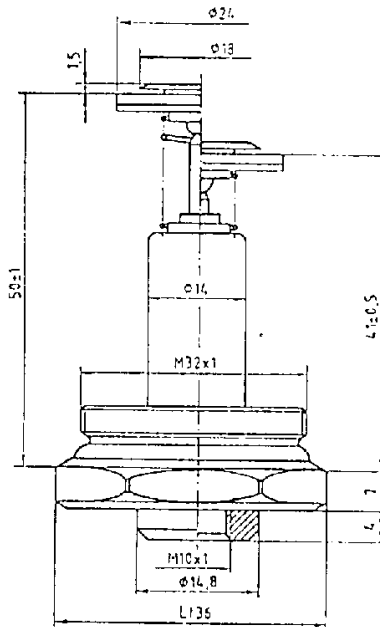
5300-1-550-0,2



5300-1-770-0,2



5300-1-870-0,2
For grill devices



5300-1-950-0,2

Outline drawing