

# AMPLIFIER

## Operate with a magnetic valve



## Series OA 9504

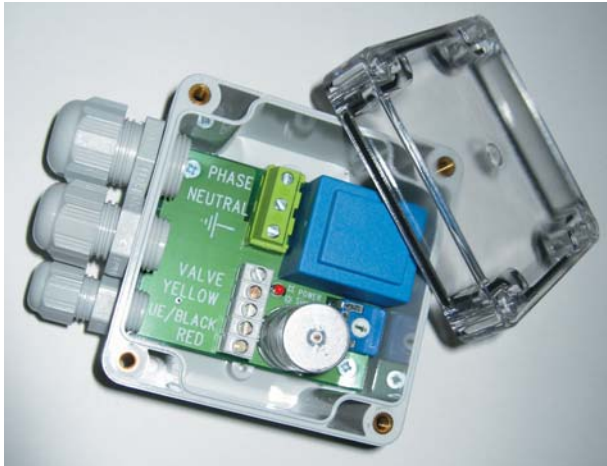
The OA 9505 is an opto-electric amplifier specially designed to operate with a magnetic valve and an opto-reflex sensor detector.

The amplifier operate on a phase and frequency synchronised principle based on a PLL system ensuring high immunity to ambient light.

The amplifier has two timer functions:

- 1) Momentary activation of the reflex sensor makes the magnetic valve operate for typical 5 sec.
- 2) Safety timer function. If the reflex sensor is activated for more than typical 45 sec. the magnetic valve is switched off.

Potentiometer for gain control adjustment (range)  
LED-indication of "power on" (low emission) and of "output activation - magnetic valve" (high emission).



### Technical data

Supply voltage	230VAC +-10% 45-65Hz other supply voltage at option
Power consumption	2,8VA
Output:	NPN open collector controlling magnetic valve at 12VDC, max. 8W
Modulation Frequency:	approx. 7,5KHz
Response time:	approx. 50ms.
Ambient temperature:	- 20 °C to + 50 °C
Housing:	80x80x55mm / Polycarbonate
Weight:	approx. 270g

### Wiring diagram

	RED
	SHIELD/SHIELD
	YELLOW
	VALVE
	VALVE
	GROUND
	NEUTRAL
	PHASE

### Type no.

### Identification code

### Dimension (mm)

016700      OA 9504      230VAC