



## TGRD7x and TGRD9x Types Oil burner controls

### MAIN FEATURES

- Program versions for forced draft oil burners and air heaters
- TGRD versions available with post-purge function available
- Multicolor indications of operating status and fault status messages
- Controlled intermittent mode after 24 hours of continuous operation
- TGRD versions available with limitation function of the number of repetitions
- External reset facility
- TGRD versions available with preheater supervision with timer
- TGRD versions suitable for EN267 applications
- Approval based on latest European Directive EN298:2012 and UL 372 / CSA C22.2 No. 199

**TGRD burner controls** ensure reliable operation and supervision of 1-2 or 3-stage oil burners. The products have the same reliability of analogue versions (Kompact TGR) and a high level of safety while offering ease of operation.

Burner controls of the TGRD line feature are equipped with a single-channel microprocessor system with periodic self-check and 2 independent shutdown paths for safety-related functions. The controls are also suitable for driving air dampers by means of 1 or 2 wires of a modulating thermostat. For flame supervision, the photosensors FC... and FT... are used for yellow flame and the flame detector FD... for blue flame.

### Technical data (extract)

For further information see data sheets 14540.

Mains voltage:	200÷240V~ +10% / -15% @ 50/60Hz
On request:	100÷120V~ +10% / -15% @ 50/60Hz
Operating temperature range:	-20°C ÷ +70°C
Ambient humidity:	95% max @ 40°C
Protection degree (with connecting socket):	IP 00
Maximum cables length:	
- Thermostat (T) and external reset (RE):	20 m
- external components:	1 m

