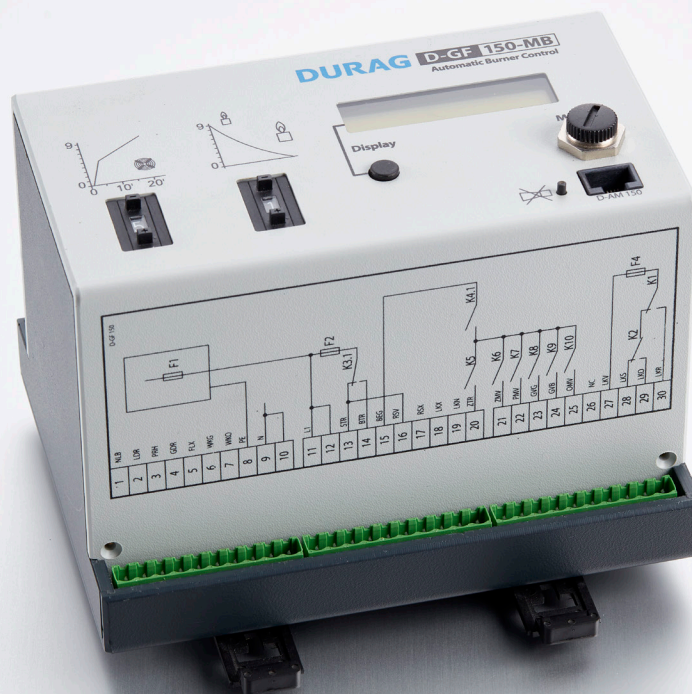


D-GF 150(-MB)

Flexible burner control

Proven safe control of the burner

- Easy adjustment for pilot and main burner
- Variable Pre-Purging
- Standard-compliant program sequences



FEATURES

- Control and monitoring of gas and oil burners of any capacity
- Integrated gas valve monitoring system
- Separate outputs for control of gas and oil fuel valves
- Integrated flame monitor
- Input for external flame monitor
- Integrated plain text display (D-GF 150-MB)
- Direct Modbus data interface (D-GF 150-MB)

BENEFITS

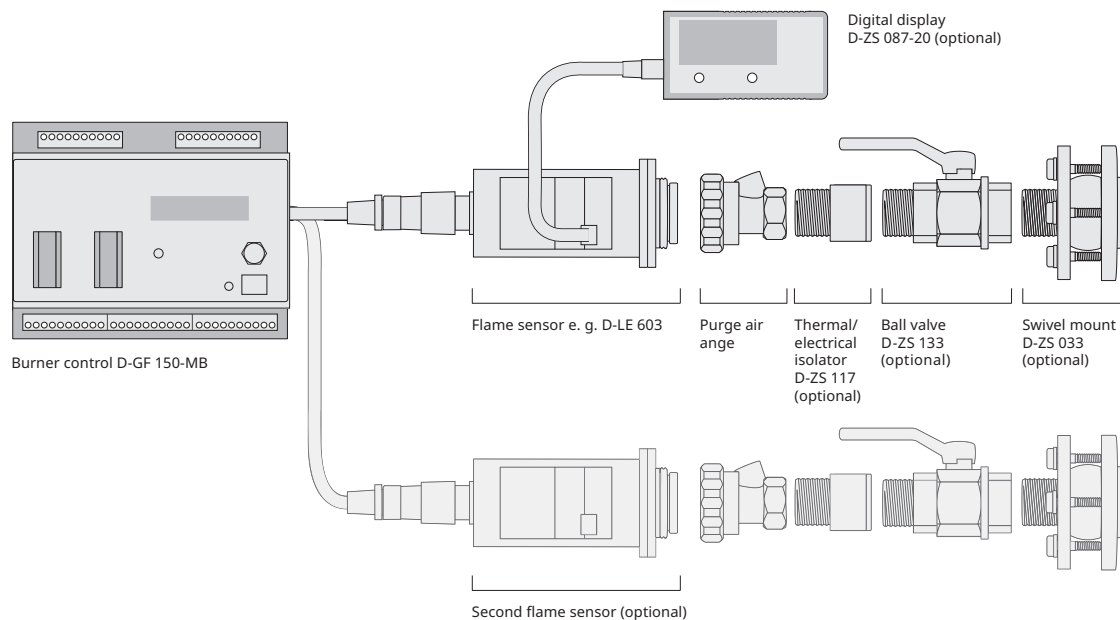
- Simple settings without additional equipment shorten the time required for commissioning
- Existing external flame monitors can continue to be used
- No complex programming required when devices are replaced

TECHNICAL DATA

Operating mode	Intermittent operation and continuous operation
Functional Safety	Self-monitoring and fail-safe, supports safety chains up to SIL 3
Switching threshold	Flame intensity (10 steps)
Local display	D-GF 150: LEDs D-GF 150-MB: Plain text for all statuses, program steps and error messages
Flame failure response time (FFRT)	1 s
Pre-purge time	30 s ... 20 min
Start-up safety times	Oil operation 5 s; 5 s (1st; 2nd) Gas operation 3 or 5 s; 3 or 5 s (1st; 2nd)
Flame monitoring	Connection of DURAG GROUP flame sensor or external flame monitor

Electrical data	115/230 VAC, approx. 20 W
Ambient conditions	-20 ... +60 °C
Degree of protection	IP20
Inputs	230/115 VAC
Outputs	Max. 250 VAC
Interface	Modbus RTU (D-GF 150-MB)
Dimensions	170 x 130 x 150 mm
Weight	Approx. 1.5 kg
Installation	DIN rail TS35

D-GF 150(-MB) | CONFIGURATION FLAME SENSOR AND ACCESSORIES



FEATURES

- First-out annunciator with 24 inputs in three groups
- Fault memory
- Plain text for D-GF 150 burner control
- Fieldbus communication (Modbus RTU) for up to 32 devices
- Operating hours and cycle counter
- Simple programming
- Can be combined with both D-GF 150 and D-GF 150-MB

BENEFITS

- Shortened time for commissioning of combustion equipment due to first-out annunciation
- D-GF 150 expansion

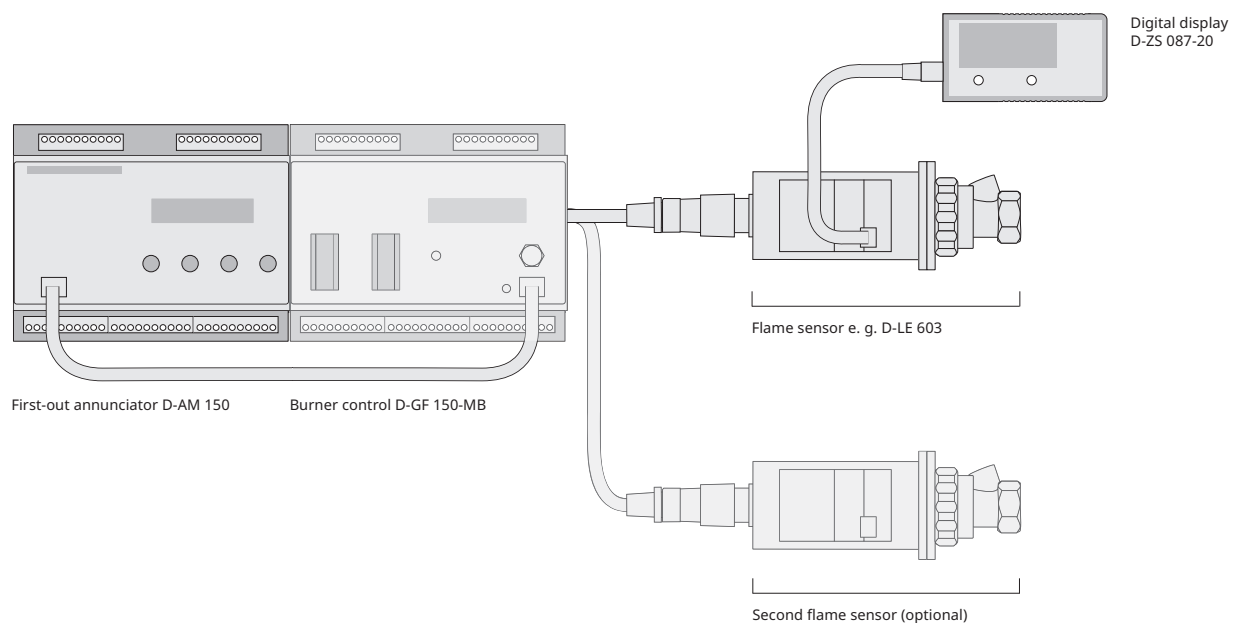
TECHNICAL DATA

Operating mode	Intermittent operation and continuous operation
Functional Safety	Fail-safe first-out annunciator
Local display	Alphanumeric LC display

Electrical data	115/230 VAC, approx. 20 W
Ambient conditions	-20 ... +60 °C
Degree of protection	IP20
Inputs	230/115 VAC
Outputs	Max. 250 VAC
Interface	Modbus RTU
Dimensions	170 x 130 x 150 mm
Weight	Approx. 1.2 kg
Installation	DIN rail TS35



D-AM 150 | CONFIGURATION WITH BURNER CONTROL AND FLAME SENSOR



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