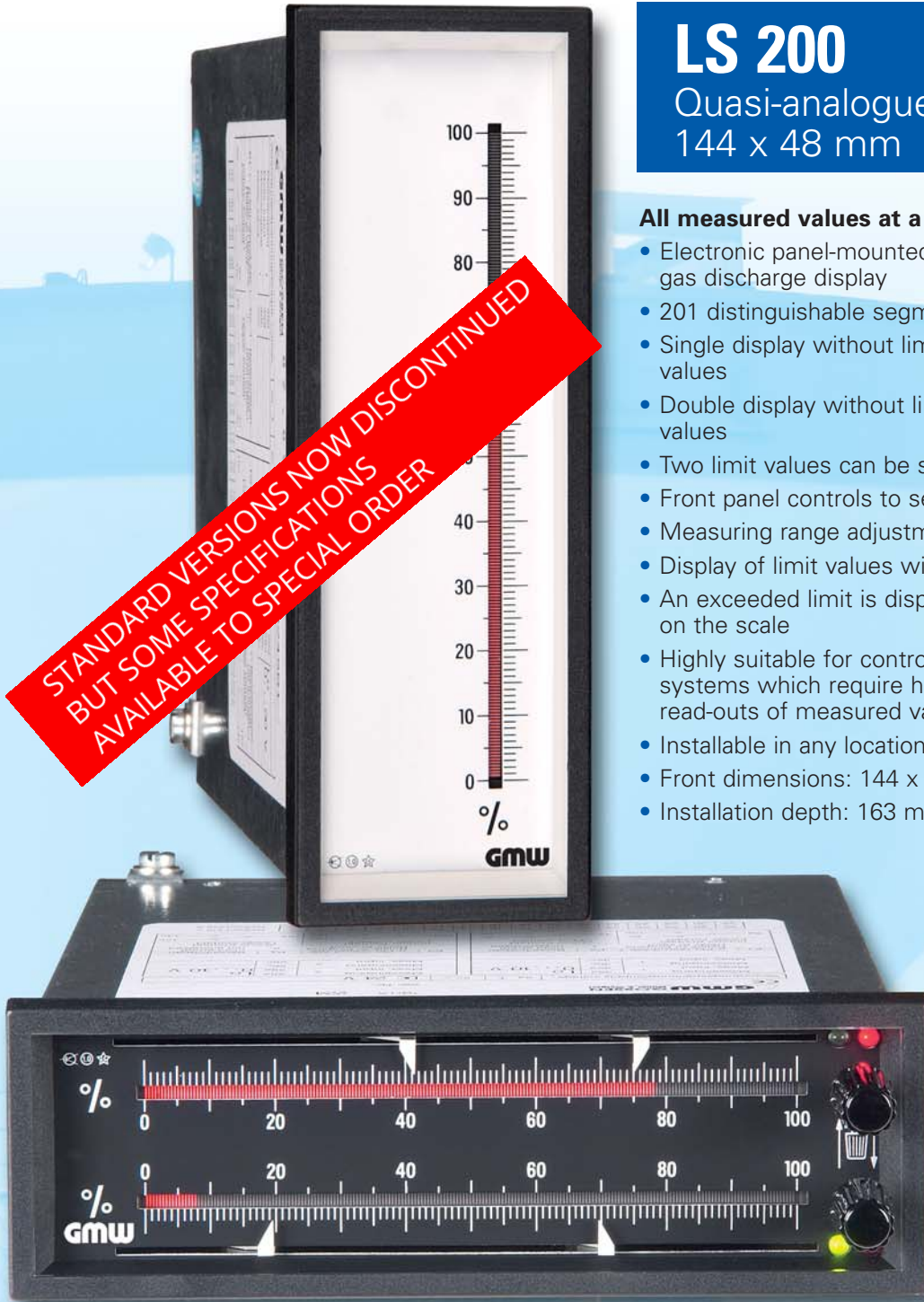


LS 200

Quasi-analogue bar graph meters
144 x 48 mm

**STANDARD VERSIONS NOW DISCONTINUED
BUT SOME SPECIFICATIONS
AVAILABLE TO SPECIAL ORDER**



All measured values at a glance

- Electronic panel-mounted measuring instrument with gas discharge display
- 201 distinguishable segments
- Single display without limit values, or with two limit values
- Double display without limit values, or with two limit values
- Two limit values can be set and displayed
- Front panel controls to set limit values
- Measuring range adjustment possible
- Display of limit values with pointers on the scale
- An exceeded limit is displayed by means of an LED on the scale
- Highly suitable for control rooms and process control systems which require high resolution and precise read-outs of measured values
- Installable in any location, vibration-resistant
- Front dimensions: 144 x 48 mm to DIN 43718
- Installation depth: 163 mm

Regulations and standards

Our bar graph displays comply with the regulations defined by the European Directives 73/23/EEC and 89/336/EEC, as verified by compliance with the following standards:
DIN/IEC 61 554 (housing)
IEC/EN 61 010-1:2001, VDE 0411 Part 1 (safety regulations)
IEC/EN 61 326-1/+A1 (interference resistance)
IEC/EN 61 326-1/+A1 (emitted interference)
EN 60 529 (protection class)

Technical characteristics – LS 200 bar graph displays

Analogue bar graph display

Type	Gas discharge
Light colour	Neon red
Over range display	Flashing
Resolution	0,5%

Scale

Format	144 x 48 mm, vertical or horizontal
Scale length	100 mm
Scale colour	Black or white

Measuring ranges

DC voltage	See measuring range card, page 9
DC current	
AC voltage	
AC current	
Temperature	
Resistance	
Frequency	

Supply voltage

24 V AC
115/230 V AC
24 V DC

Limit values

Number	4
Adjustable via	Potentiometers
Display on the scale	Pointers
Signalling	LED
Outputs	4 relays
Hysteresis	Approximately 0.5 %

Versions

1 measurement input, no limit value	LS 210
1 measurement input, 2 limit values	LS 212
2 measurement inputs, no limit value	LS 220
2 measurement inputs, 4 limit values	LS 224