

LS 300

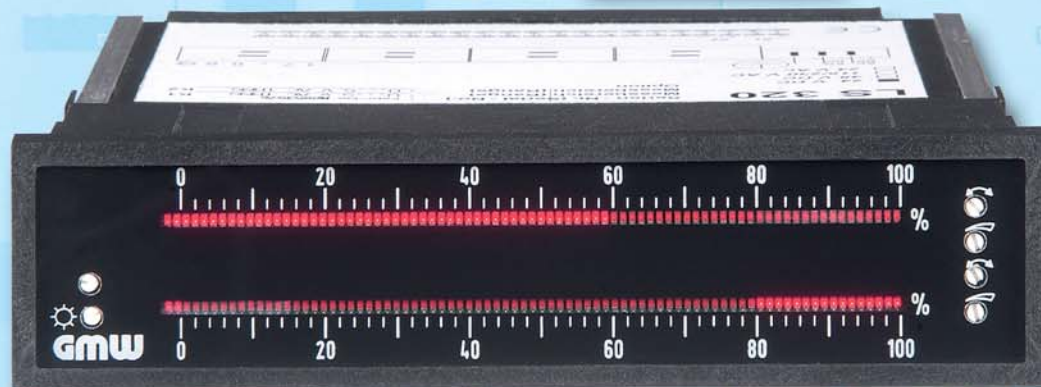
Quasi-analogue bar graph meters
144 x 36 mm

All measured values at a glance

- 300 series bar graph displays in the are robust, quasi-analogue display devices with one or two light bars
- 101 segments per light bar
- In addition, depending on the type, limit relays can be included
- The zero point and full-scale value of the light bars are independent of each other and can be adjusted separately
- Buttons on the front side enable segment tests and brightness adjustment
- 2 limit values can be set on the front side and displayed
- Limit breaches are signalled
- Installable in any location, vibration-resistant
- Front dimensions: 144 x 36 mm to DIN 43718
- Installation depth: 186 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 300 bar graph displays

Analogue bar graph display

Type	LED line
Light colour	Red or green
Over range display	Flashing
Resolution	1.0%
Scale	Dot display or flashing display
Format	144 x 36 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
48 V DC

Limit values

Number	2
Adjustable via	Potentiometers
Display on the scale	LED bar or LED dot
Signalling	LED
Outputs	2 relays
Hysteresis	Approximately 1.0 %

Versions

1 measurement input, no limit value	LS 310
1 measurement input, 2 limit values	LS 312
2 measurement inputs, no limit value	LS 320