



DS 51 - Digital panel meter

For 0 (4)...20 mA signals

The DS 51 digital panel meter disposes of 2 potential-free alarm contacts (change-over adjusted via the keys).

The digital panel meter is supplied with 230 VAC and disposes of an internal mains unit which provides the voltage supply of 24 VDC/100 mA for the sensor.



Special features:

- Suitable for all customary sensors with 0(4)...20 mA signal
- Easy operation
- 2 relay outputs (230 VAC, 3 A)

Technical data DS 51

Dimensions:	96 x 48 mm (WxH) Mounting depth: 95 mm
Display:	LED, 5 digits, height 13 mm, 2 LED for alarm
Keypad:	3 keys: Set, Up, Down
Sensor input:	For sensors with 0(4)...20 mA signal. Connectable in 2-/3-4-wire technology
Accuracy:	max. +/- 20 µA, typical +/- 10 µA
Burden:	100 Ω
Sensor supply:	24 VDC, max. 100 mA
Voltage supply: (option)	230 VAC, 50/60 Hz or 24 VDC or 110 VAC
Outputs:	2 x relay output, changeover contact, 250 VAC, max. 3A
Alarm limits:	Freely adjustable via keypad
Hysteresis:	Freely adjustable via keypad
Operation temp.:	-10...+60 °C (storage temp.: -20...+80 °C)
Operation menu:	Lockable by code against third-party access

Description	Order No.
DS 51 - digital meter for panel mounting, supply 230 VAC, sensor input for 0(4)...20 mA signal, 2 alarm relays	0500 0006
Options:	
Supply 24 VDC instead of 230 VAC	Z500 0001
Supply 110 VAC instead of 230 VAC	Z500 0002