



VD3 Digital readouts

Digital readouts series VD3 can be employed in any industrial environment where it is necessary to measure voltage and currents, speeds, angular or linear positions and any physical or chemical magnitude that can be transformed into an electrical signal. There are several versions available, indeed:

Vcc	Voltage input, $\pm 1\div 5$ Vdc, $\pm 5\div 50$ Vdc, $\pm 50\div 250$ Vdc selectable
LQRQ	Input by potentiometer with settable scale range
LQRQ 2P	Input by 2 potentiometers with settable scale range
Icc	Direct current input 2 A max
Ica	Alternate current input 2 A max



Complying with standards

The display field can be chosen among three different solutions:

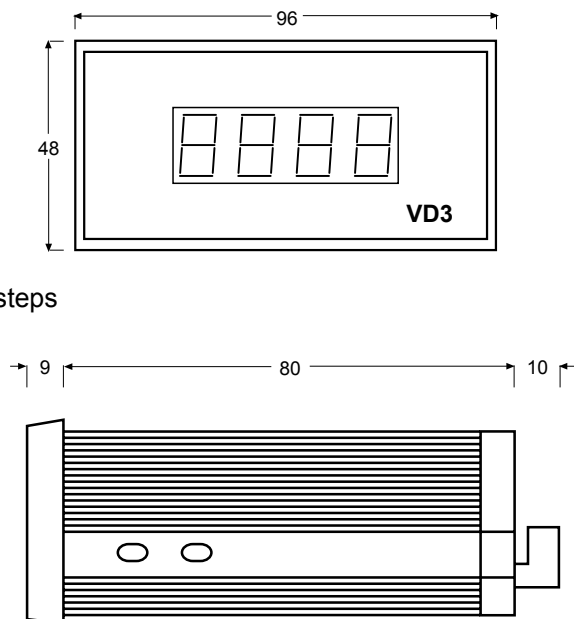
3 digits	(999)	Readout type VD30
3 1/2 digits	(1999)	Readout type VD31
3 digits with steady zero	(9990)	Readout type VD300

The number of decimal digits can be preset. The calibration is performed by means of a trimmer placed on the rear case; the series named **TF** avails on a trimmer on the front case to adjust the scale range.

■ Technical specifications

Supply	24 Vac or 115/230 Vac $\pm 10\%$ 50/60 Hz
Current consumption	3 VA
Display type	7-segment LEDs 12.7 mm high
Decimal digits	selectable
A/D conversion	by double ramp integrator
Readings/second	3
Operating temperature	0 \div 45° C
Max relative moisture	90% without damp
Case	DIN43700 standard
Resolution	VD30-VD300 ± 1000 steps VD31 ± 2000 steps
Accuracy	Vcc $\pm 0.05\%$ FS Icc $\pm 1\%$ FS - Ica $\pm 1.25\%$ FS LQRQ - LQRQ2P $\pm 0.05\%$ FS
Front case protection degree	IP54
Weight	0.4 Kg

■ Dimensions



PANEL CUT OFF 91x44 mm

■ Application fields

Visualizers are commonly employed for different purposes. The following list includes the most widespread applications:

- Sample items control
- Tachometer
- Pressure indicator
- Sanding machine
- Metal forming machines
- Glass/marble working

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