



# ELAP 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:

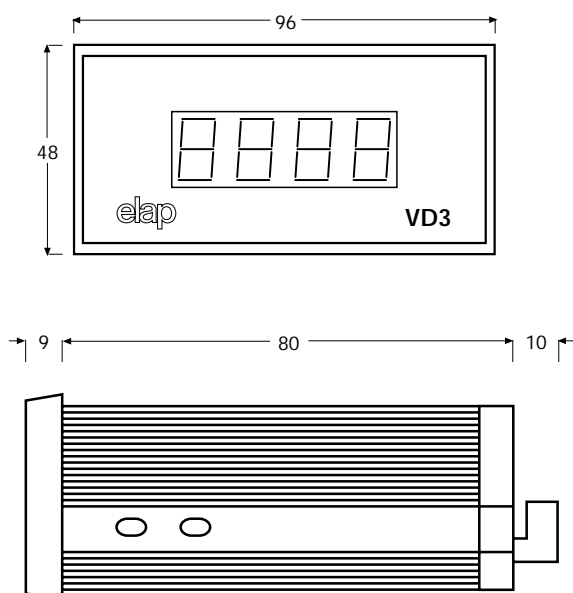
<b>Vcc</b>	Voltage input, $\pm 1 \div 5$ Vdc, $\pm 5 \div 50$ Vdc, $\pm 50 \div 250$ Vdc selectable
<b>LQRQ</b>	Input by potentiometer with settable scale range
<b>LQRQ 2P</b>	Input by 2 potentiometers with settable scale range
<b>Icc</b>	Direct current input 2 A max
<b>Ica</b>	Alternate current input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

The display field can be chosen among three different solutions:

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

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. **Complying with CE standard.**

### DIMENSIONS



PANEL CUT OFF 91x44 mm

### 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	0-45° C
• Max relative moisture	90% without damp
• Case	DIN43700 standard
• Resolution	VD30-VD300 $\pm 1000$ steps VD31 $\pm 2000$ 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

### APPLICATION FIELD

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

VARIATIONS ADMITTED WITHOUT NOTICE



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