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veratron VL 2-IN-1 VOLTMETER HOUR COUNTER User Manual

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Contents

KEY FEATURES

- 2 instruments in 1 with digital engine hour counter and voltmeter

- Segment display with white LED backlight
- Suits different applications thanks to the 48V operating voltage
- Automatic data switch every 10 seconds
- Plastic front double lens
- Black and white variants available
- 9 different styling rings to customize your dashboard
- Front and flush panel mount

The VL two-in-one instrument features a bright and well readable LCD designed to display both your engine hours and a digital voltmeter to have your battery information alsys under control.

Its extended operating voltage up to 60 V makes it a perfect solution for the most diverse applications, from marine engines to static generators, material handling machines, and many more.

The display automatically toggles between the two values every 10 seconds for a completely hands free operation.

Black and white variants are available and customizable with nine syling rings in different shapes and colors.

ACCESSORIES AND SPARE PARTS

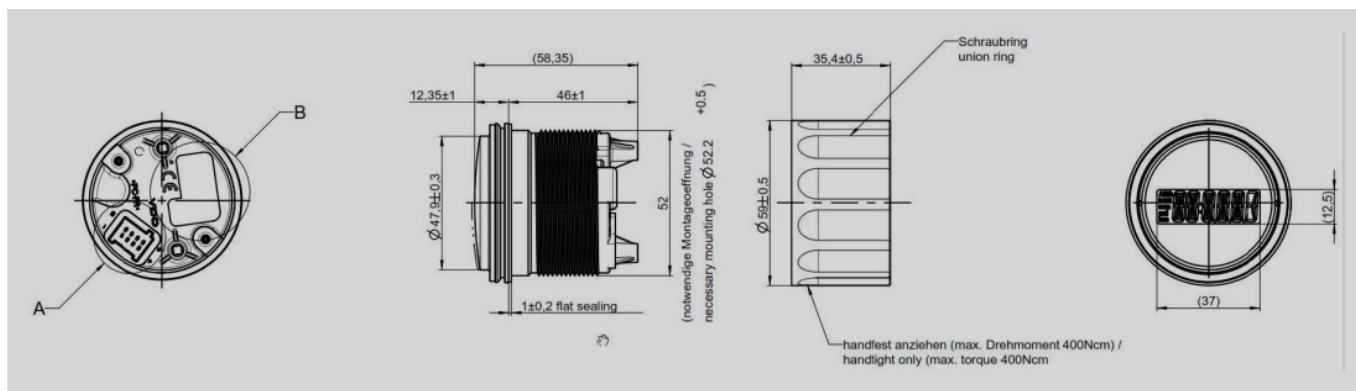|	
Cable 8 wires*	A2C59512947
Spinlock Nut 52 mm*	A2C5205947101
Flush mount kit	A2C59510864
Bezel Flat black	A2C5318604001
Bezel Flat white	A2C5318602201
Bezel Flat chrome	A2C5318602301
Bezel Triangular black**	A2C5318602401
Bezel Triangular white**	A2C5318602501
Bezel Triangular chrome	A2C5318602601
Bezel Round black**	A2C5318602701
Bezel Round white**	A2C5318602801
Bezel Round chrome	A2C5318602901

* included in the box
** included in the box, see variant descriptions

Nine styling front rings are available to match your favorite style

DIMENSIONS

TECHNICAL DATA

Nominal voltage	12 / 24 / 48 V
Operating voltage	9–60 V with reverse polarity and over voltage protections
Current consumption	≤ 50 mA @ 12 V
Display	Segment TN+ with white LED backlight
Dimensions	Installation diameter: 52 mm Outer diameter: 60 mm (with bezel) Instalaltion depth: 46 mm
Mounting	Spinlock Nut (Front panel mount) Flush mount (via flush mounting kit)
Protection class	IP67 front IP52 rear acc. to IEC 60529
Operating temperature	-40 to +80°C
Storage temperature	-40 to +85°C

Material	Housing: PC (black) Lens: PMMA double lens Bezel: ABS (Chrome), PC (Black, White)
Connector	Tyco/Hirschmann MQS plug, 8 pin
Flammability	V0 acc. to UL-94
Compliance	CE, UKCA, Reach, RoHS

BLACK AND WHITE VARIANTS

VARIANTS

Black with round black bezel	B00005302	White with round white bezel	B00006302
Black with triangular black bezel	B00005303	White with triangular white bezel	B00006303

The new VL 2-in-1 replaces the old mechanical hour counter and adds more value with the digital voltmeter

OUTDOOR INSTRUMENTATION ENGINEERED IN SWITZERLAND

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Documents / Resources

veratron VL 2-IN-1 VOLTMETER HOUR COUNTER [pdf] User Manual
VL 2-IN-1 VOLTMETER HOUR COUNTER, VL 2-IN-1, VOLTMETER HOUR COUNTER, VL 2-IN-1 HOUR COUNTER

References

- **V̇ Veratron - Outdoor Instrumentation engineered in Switzerland**