



# DISPLAYS: Accessories



## MOTOMETER

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### Ammeters

Ammeters are used in vehicles and machines to monitor battery charging and discharging. MOTOMETER ammeters have a precise measuring unit that displays the battery's charging and discharging current. The ammeters all have a metal housing in order to provide the best possible protection and stability and thereby guarantee a long service life. The instruments are illuminated by a flood light type.

In the case of the standard types, the dial is black with white numbers and a red pointer. The front ring is of a black triangular design.

Various display ranges and the design with a chrome front ring are available.

Part No.	Ø mm	Measuring range	Dial	Pointer	Front ring	Symbol
615.052.1011	52	30-0-30	black	red	black	Battery
615.052.1021	52	50-0-50	black	red	black	Battery
615.052.1022	52	80-0-80	black	red	black	Battery

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### Voltmeters

MOTOMETER voltmeters are equipped with a precise rotation quotient measuring unit that accurately shows the voltage. In the case of the standard types, the dial is black with white numbers and a red pointer.

The front ring is of a black triangular design.

The display range is 18 to 32 Volts or 8 to 16 Volts, depending on the type.

Voltmeters are also available with different labelling of the dial (e.g. with other symbol imprints or colours) or a chrome front ring.

Part No.	ø mm	Voltage	Measuring range	Symbol	Special features
685.002.1017	52	12 V	8 – 16 V	Charge monitoring	
685.002.1018	52	24 V	18 – 32 V	Charge monitoring	off-earthed
685.003.1017	60	24 V	18 – 32 V	Charge monitoring	off-earthed

### Timers

MOTOMETER timers are quartz clocks with an analogue display. In the case of the standard types, the dial is black with white numbers and a red pointer.

Various versions for operation in 12 Volt or 24 Volt on-board supply systems with installation diameters of 52 mm and 60 mm are available.

Part No.	ø mm	Voltage	Dial	Pointer	Front ring	Special features
639.004.1018	52	12 V	black	red	black	with sweep hand
639.006.1021	60	12 V	black	red	black	with sweep hand
639.006.1022	60	24 V	black	red	black	without sweep hand

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## Accessories

MOTOMETER offers a wide range of accessory parts for the instruments described, enabling every user to himself make minor modifications to the units.

These range from glow lamps for quickly replacing dud bulbs, to plugs and holders for instruments, if these cannot be integrated into the existing cockpit.



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At all time MOTOMETER offers customer-specific solutions when a particular design or a different range of values is required. Special solutions such as with white dials and a chrome front ring are already provided in most cases.

**Please don't hesitate to contact us if you have any further questions.**

Part No.	Description	Use
272.601.4018	Glow lamp	12 Volt/2 Watt, Base BA9S
272.601.4020	Glow lamp	24 Volt/3 Watt, Base BA9S
513.003.5801	Bracket for hourmeter, long	for installation without damping ring
521.010.2200	Lamp holder, 1-pole	Base BA7S
521.010.3200	Lamp holder, 2-pole	Base BA7S
529.130.6300	Colour cap for glow lamps green	BA7S
529.130.6400	Colour cap for glow lamps red	BA7S
541.300.0600	Damping ring for hourmeter	Diameter 60 mm
543.275.0601	Shim ring for hourmeter	Diameter 60 mm
664.003.1015	Holder for round instruments with ball joint	Diameter 52 mm
664.010.4020	Reduction	60 at 52 mm
664.010.4090	Mating connector for round instruments 52/60 mm, triple AMP with plug	with connector
664.010.4092	Mating connector for round instruments 52/60 mm, triple AMP with plug	without connector

All data subject to technical changes.

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