

# Series VTM



## AVENTICS™ Series VTM



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# Velocity-Time-Meter, Series VTM

- electronic PNP



Ambient temperature min./max.	0 ... 50 °C
Measurement range Min.	0.1 m/s
Measurement range Max.	9.99 m/s
Resolution	0.01 m/s
Precision (% of full scale value)	± 0,5 %
Magnetic field Min.	2 mT
Measurement range Min.	0.001 s
Measurement range Max.	59.9 s
Protection class	IP40

## Technical data

Part No.	Type of contact
R402002202	electronic PNP

## Technical information

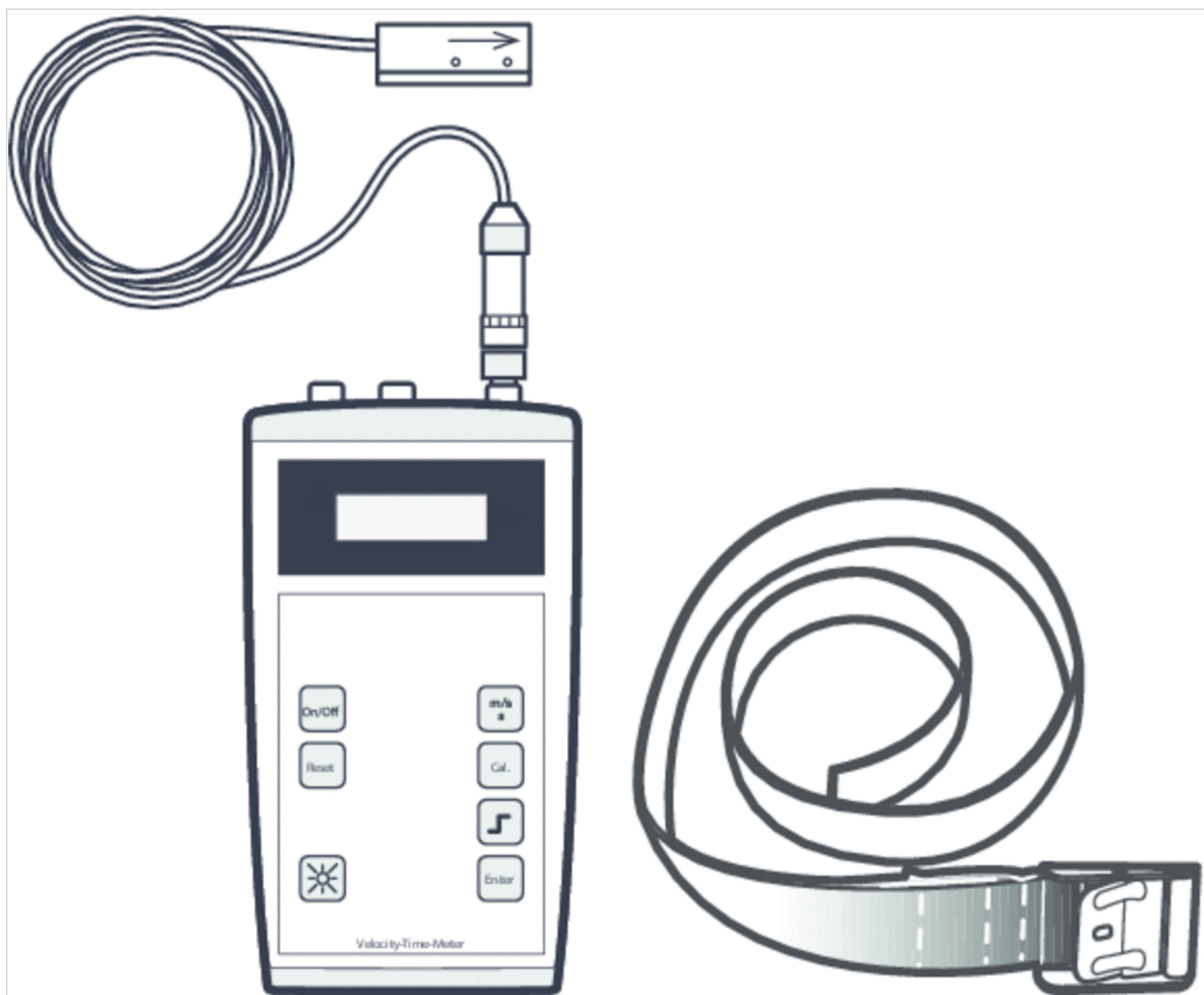
With velocity sensor (supplied) placed on the cylinder barrel, piston velocity is displayed in m/s.  
By choice of electrical connection or a position sensor (not supplied) the cycle time is displayed in ms.  
Suitable for all AVENTICS cylinders with magnetic piston.

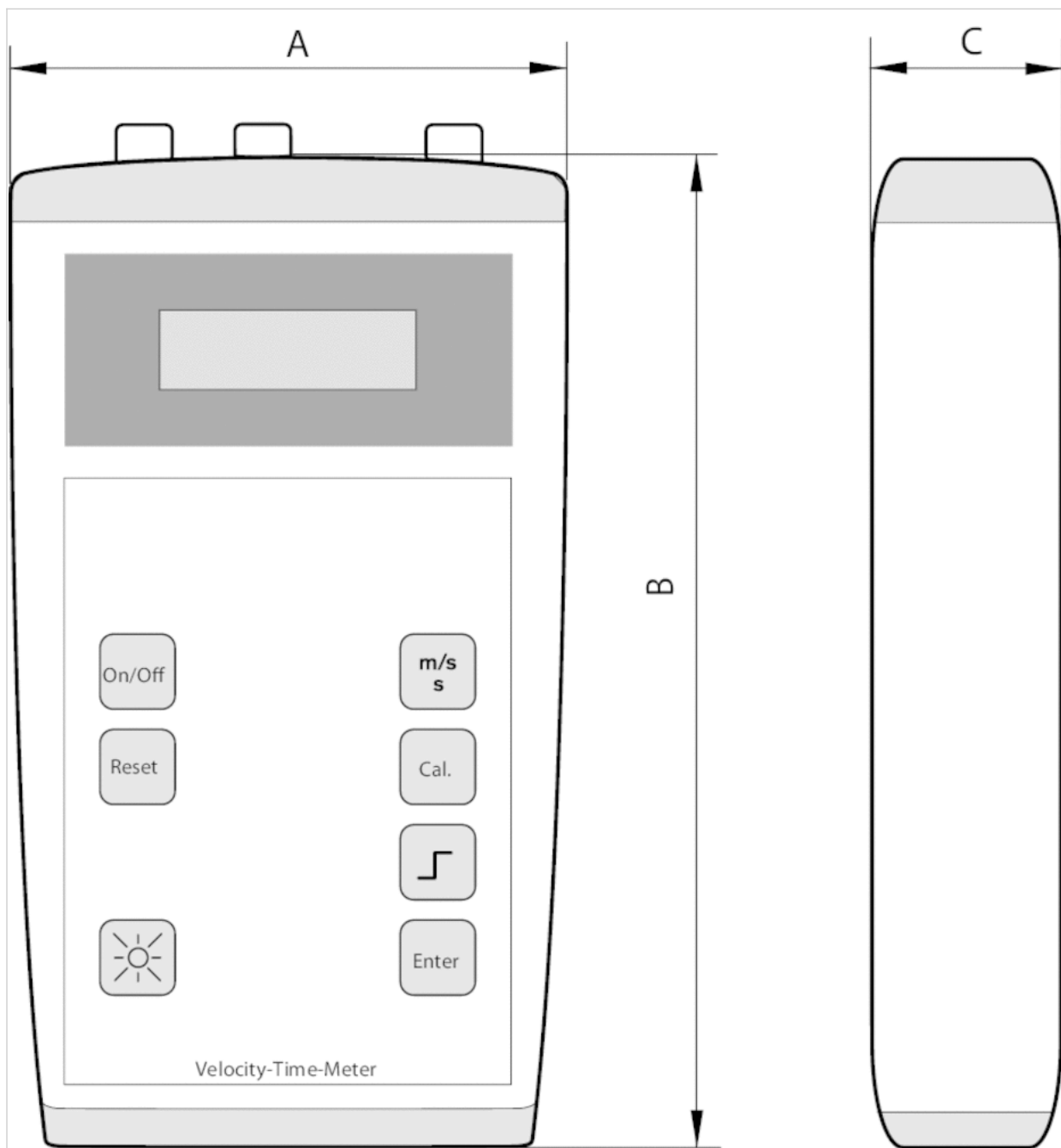
## Technical information

Material	
Housing	Polyamide

## Dimensions

### Dimensions





## Dimensions

Part No.	A	B	C
R402002202	92	165	31

# Control box with power supply cable and adapter



Ambient temperature min./max.	0 ... 50 °C
Operating voltage DC, max.	24 V DC
Protection class	IP40

## Technical data

Part No.	Type
R402002203	Control box with power supply cable and adapter

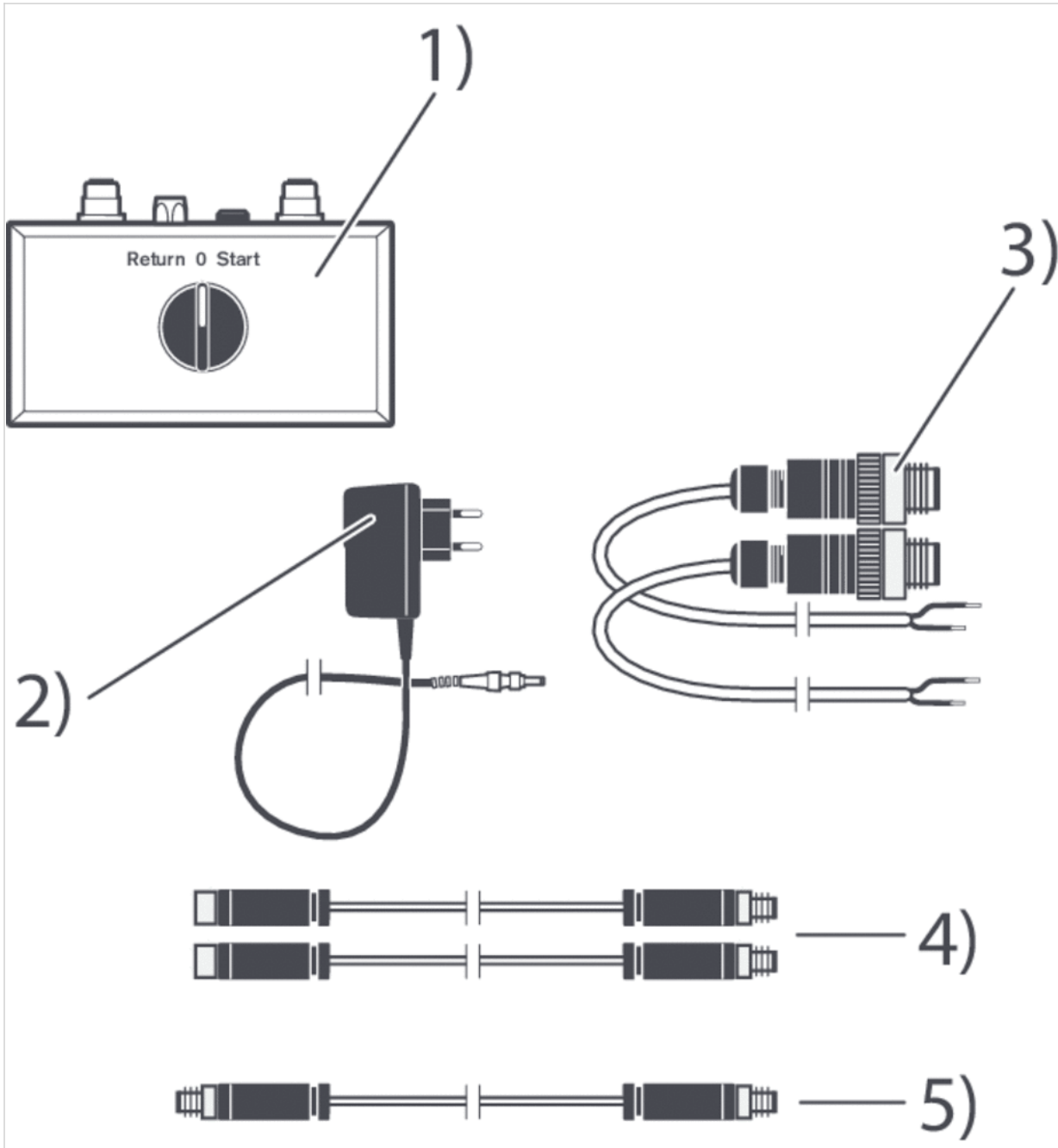
## Technical information

Cylinder motion in both directions can be controlled with the knob on the control box.  
Can only be connected to valves with a removable pilot valve.

## Technical information

Material	
Housing	Polyamide

## Dimensions



1) valve control box R402002605, 2) mains adapter R404052371, 3) pilot cable with plug M12 (2x) R402002607, 4) extension cable to sensor (2x) 8946203712, 5) connecting cable M8 R402002606

## Dimensions

Part No.	Type	Protection class
R402002203	Control box with power supply cable and adapter	IP40
Operating voltage DC, max.	Ambient temperature min./max.	Material
24 V DC	0 50 °C	Polyamide

Cylinder motion in both directions can be controlled with the knob on the control box.

Can only be connected to valves with a removable pilot valve.

1) Scope of delivery: 1) valve control box , 2) mains adapter , 3) control cable with M12 plug (2x), 4) extension cable to sensor (2x) , 5) M8 connecting cable

# Case with inlay for the VTM and all accessories



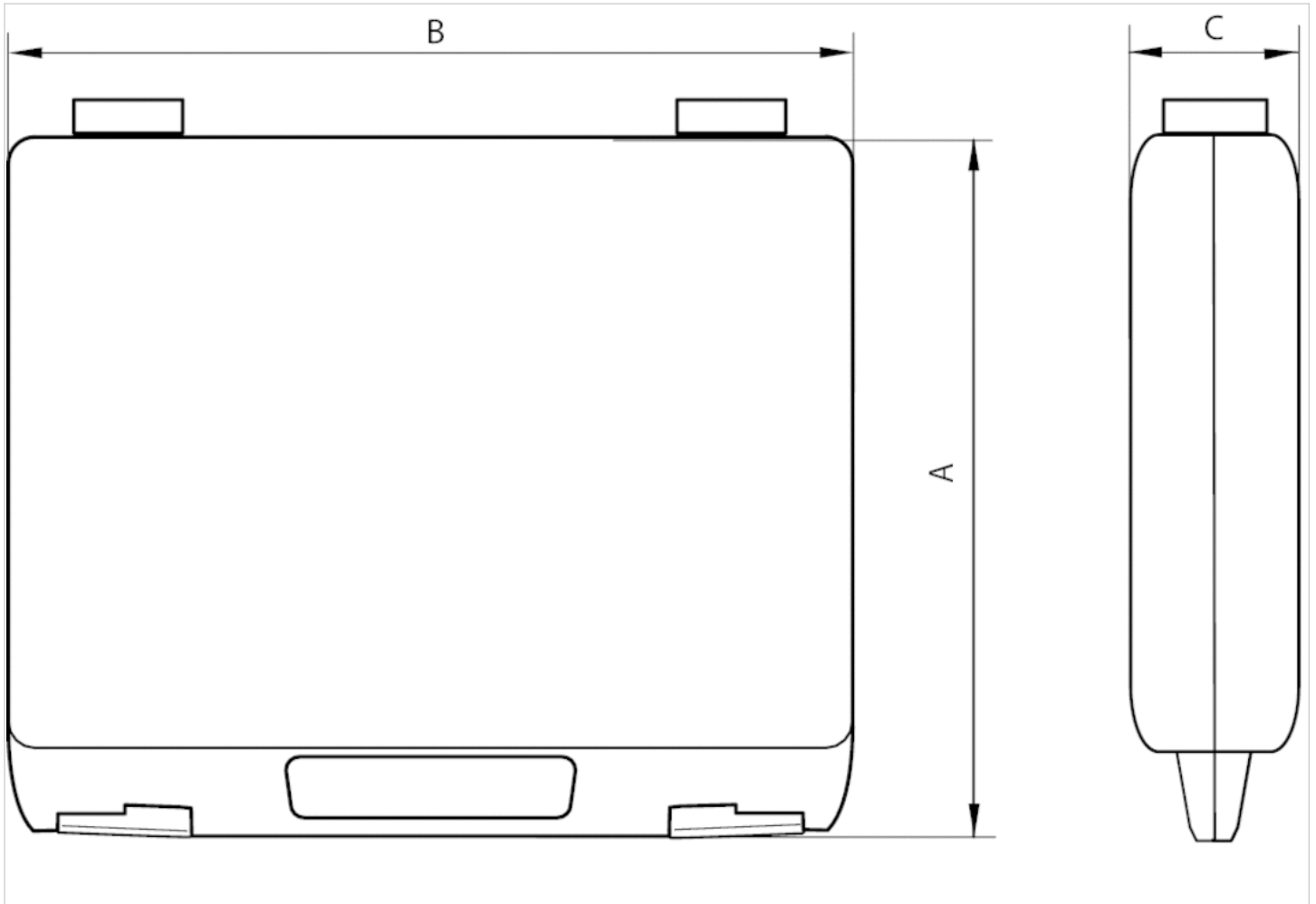
## Technical data

Part No.

R402002204



## Dimensions



## Dimensions

Part No.	A	B	C
R402002204	370	442	90

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