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ST5700

TENSIOMETER STW



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General:

The TM-STW is a tensiometer with an electronic output for connection to a read-out, controller or computer. This output is very suitable for long distances between tensiometer and read-out, controller or computer.

Using the TM-STW tensiometer will give the grower a better view about the i.e. rockwool, soil conditions. This makes it possible to tune irrigation schedules better to the requirements of the plants. This will result in saving water, nutrients, environment and makes higher productions possible. From this day on guesswork in scheduling irrigation belongs to the past.

We refer to our user manual for a correct and useful use of the electronic tensiometer TM-STW.



Technical specifications:

Model	:	TM-STW
Brand	:	Nieuwkoop BV - Aalsmeer - Holland
Range	:	-100..0hPa
Output	:	4-20mA (4mA=0hPa, 20mA= -100hPa)
Non-linearity	:	Typ. $\pm 0,20\%$, max. $\pm 0,5\%$ of the scale
Hysteresis	:	Typ. $\pm 0,20\%$, max. $\pm 0,5\%$ of the scale
Power	:	10-30Vdc
Work temperature	:	1..70°C
Accuracy 0-point and Span	:	1%, better accuracy possible by means of individual calibration
Membrane	:	Ceramic
Housing	:	RVS 1.4305/ IP65
Connector	:	M12 x 1
Tube length	:	15cm, other lengths on request
Tube \varnothing	:	20mm
Weight 15cm	:	ca. 300gram
Accessories	:	Protection cap and user-manual
Warranty	:	1 year



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