



# PESSL INSTRUMENTS GES.M.B.H.

Werksweg 107, A-8160 WEIZ, AUSTRIA

Tel.: ++(0043) 3172 5521, Fax.: ++(0043) 3172 5521 23

E-Mail: sales@metos.at Webpage: <http://www.metos.at>

SENSOR	<b>Leaf TEMPERATURE PROBE</b>
Part.No.	<b>IM522CD</b>



PARAMETERS	
Sensor	SMT160-30
Supply voltage	4.57 - 7 V
Supply current	max. 200 $\mu$ A
Short circuit protection	infinite (within supply voltage range)
Short circuit supply current	max. 40 mA
Operating temp. range	-30 to +99 C
Accuracy	min. 0.5 C (-30 to +99 C)
Calibration error	max. 0.25 C (23 C)
Nonlinearity error	max. 0.2 C
Supply voltage sensitivity	max. 0.1 C/V
Repeatability	max. 0.2 C
Long term drift	max. 0.1 C
Output frequency	1 to 4 kHz
Duty cycle	0.320 (0 C), 0.00470/ C
Evaluation	ANALOGIC
Cable length	5 m