



Environmental Measuring Systems

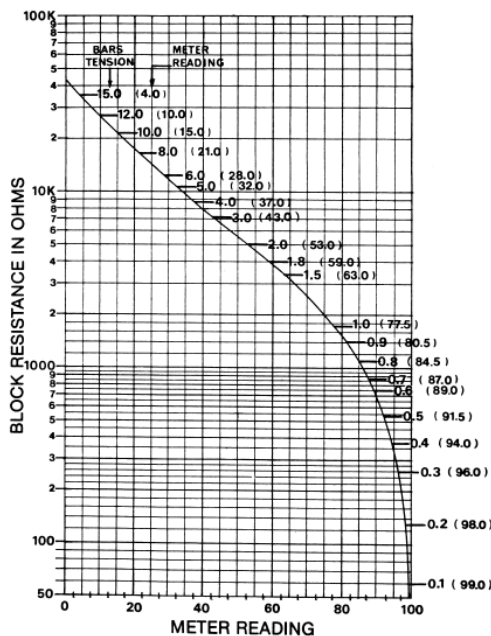
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Gypsum block GB1(GB2)

Main features:

- Soil water potential sensor
- Economy solution
- Measures up to -15 bar
- Manufactured by Delmhorst Instrument, NJ, U.S.A.

Meter Readings vs. Soil Moisture Tension and Electrical Resistance



Specification:

- Standard cable length 1.8 (8 m)
- Sensor diameter 22 mm
- Sensor length 29 mm
- Measuring range -0.1 to -15 bar

SWP =

$$\begin{aligned} & - 0.0000002566 * R^6 \\ & + 0.0000271804 * R^5 \\ & - 0.0010604163 * R^4 \\ & + 0.0183247258 * R^3 \\ & - 0.1321964809 * R^2 \\ & + 0.7618710496 * R; \quad [\text{bar}; \text{k}\Omega] \end{aligned}$$

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