



TOIP Pty
Ltd
Telemetry Over Internet Protocol

MP02 Single Level SDI-12 Soil Moisture Sensor

High Performance Single Level Soil Moisture Sensor Monitors Soil Moisture and Soil Temperature Suitable for use in all soil types

The MP02 is a versatile single level soil moisture and soil temperature sensor fitted with an SDI-12 interface.

The sensor may be used in shallow rooted crops, pots, seed beds, turf and a host of other applications. It may also be used as a removable upper level sensor on top of a permanently buried sensor in broadacre agriculture

- The sensor is fully sealed and the internal electronics potted in resin
- The sensor is extremely reliable and very stable
- It requires no maintenance.
- It has been optimised for sub-surface installation

The MP02 may be installed either vertically (into a hole augered into the soil) or laid on edge horizontally into a hole dug to the required depth. The soil is then bedded into a slurry made up from the soil removed from the hole. The MP02 may be used with a default calibration or with a custom soil calibration. Details of the soil type and calibration are stored into the probe using extended SDI-12 commands.



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| Power Supply | 6 to 17V DC, typ 21 mA | Dimensions | 140 x 29 x 9 mm, 50g |
| Accuracy | | Installation | Vertical or on edge in horizontal position |
| Soil Moisture | Range: 0 to 100 % VSMC Accuracy: Dependent on calibration process use in soil (see manual for details) | Maintenance Warranty | 1 Year, return to manufacturer None required - fully sealed probe |
| Soil Temperature | Range: -20 to +65 °C Accuracy: +/- 0.5% | | |
| Ordering | MP02 | | SDI-12 Single Level Soil Moisture Sensor |

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