

M. B. Control & Systems Pvt. Ltd.

CIN : U67120WB1980PTC033012 | PAN : AABCM7980K | GST NO. : 19AABCM7980K1ZU Registered & Corporate Office

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Innovative Electronics For You info@mbcontrol.com





Certificate No: Q-205022100105

Certification of Conformity to IEC 61724-1:2017

M.B. Control & Systems Private Limited 31/1 Ahiripukur Road Kolkata – 700 019 West Bengal, India

Declares under our sole responsibility that the product:

MBMet-700 Series Soiling Monitoring Stations

Satisfies the requirements of Soiling Monitoring Systems set in Section 7.3.4 of IEC-61724-1:2017. Section 7.3.4.5 outlines the measurement method below – which is followed by The MBMet-700 Series of Soiling Monitoring Stations.

7.3.4.5 Measurement method 2 – short-circuit current reduction due to soiling

Perform the measurement as follows:

- a) Measure the short-circuit current and temperature of the clean device.
- b) Measure the short-circuit current and temperature of the soiled device.
- c) Calculate the effective irradiance from the values measured in a), using the calibration values determined in 7.3.4.3 b).
- d) Calculate the expected short-circuit current of the soiled device at the irradiance determined in c) and the temperature measured in b), using the calibration values determined in 7.3.4.3 c).
- e) Calculate the soiling ratio SR by dividing the soiled device short-circuit current measured in b) by its expected short-circuit current calculated in d).

Vaibhav Agarwal

Director

M.B. Control & Systems Pvt. Ltd.

Date: 02/08/2023

