

SMP EM Aware Monitor for ESD event monitoring - A1-ESD EP0205028

Item no. EP0205028

Manufacturer A1-ESD

Miniature radio receiver for the continuous detection and measurement of ESD events. It monitors electrostatic charging and discharging, field changes and ioniser balance, and alarms when a limit value is exceeded. With relay output and Ethernet interface.

TECHNICAL DATA

Ausführungsklasse	ESD (antistatic)
Country of Manufacture	United States
Norm	IEC 61340-5-1
Sales unit	1 Stück
Weight	0.64 kg



STANDARDS & COMPLIANCE

ESD safe IEC 61340-5-1

DESCRIPTION

The EM Aware Monitor detects and measures ESD events at a workstation and makes a problematic environment visible. When a user-defined limit value is exceeded, the device triggers an alarm.

MAIN FUNCTIONS

- Continuous monitoring of ESD events (electrostatic charging and discharging)
- Capture of voltage changes in electrostatic fields
- Monitoring of ionisers with a balance (offset voltage) of ± 40 V or better
- Detects a problematic environment and qualifies tools for handling ESD-sensitive components
- Alarm when a user-defined limit value is exceeded

TECHNICAL DATA

- Interfaces: relay output, Ethernet LAN, connection for external antenna
- Power supply: 7.5 V DC mains adapter
- Weight: 0.64 kg

SCOPE OF DELIVERY

- EM Aware Monitor
- External antenna
- Replacement antenna for ionisers
- Grounding cable
- 7.5 V DC power supply
- Calibration instructions

APPLICATION

Continuous ESD process monitoring at EPA workstations in line with IEC 61340-5-1.