AEMC 275HVD - Non-Contact AC High-Voltage Presence Detector

The AEMC 275HVD detects AC voltage presence through the surrounding electric field without contact. Eight selectable ranges extend from 240 volts to 275 kilovolts, with a visual alert, audible buzzer and built-in self-test. A universal spline and shotgun adapter support hot-stick mounting.

Manufacturer exact model specifications
AEMC 275HVD - Factory User Manual (English / Spanish PDF)
AEMC 275HVD - Factory Data Sheet (PDF)

Manufacturer	AEMC Instruments
Model	275HVD
Catalog number	2131.12
Detection type	Non-contact AC voltage presence
Selectable ranges	240 V; 2, 6, 11, 22, 33, 132 and 275 kV
Detection frequency	45-70 Hz, product page; 2026 datasheet lists40-70 Hz
Nominal detection distance	Selected range detected at approximately10 in. /25 cm; field geometry affects response
Indication	Bright red LED and audible buzzer
Audible indication	75 dB at1 m, 2026 datasheet
Self-test	User selectable
Ingress rating	IP65
Power	3 x1.5 V C cells
Weight with batteries	1.3 lb /590 g
Operating temperature	-15 to55 C /5 to130 F
Storage temperature	-20 to65 C /-4 to150 F
Relative humidity	0-93% at40 C
Mounting	Universal spline and shotgun adapter
Hot stick	Not supplied
Detection limitation	Not designed for shielded cable or enclosed conductors