MSDW

WALL-MOUNTED FERROMAGNETIC **DETECTOR** FOR THE SAFETY OF PEOPLE AND SYSTEMS IN **MRI** FACILITIES



- **Preventive Detection of ferromagnetic and magnetized objects** which can cause a “projectile effect” in the MRI room
- Accurate localization at 360° by means with **multi-zone acoustic** and **optical alarm signaling**
- **Extremely durable design** including stainless steel and high impact reinforced plastics
- It can operate in any location in **zone I**, **II** or **III**
- **Up to 70,000 Events** can be recorded locally (**FIFO Logger**) with traceability of the alarms, programming modifications and diagnostics
- **Programming** of operational parameters and **downloading of data logger** by smartphone or portable PC
- Powered through PoE Ethernet or with AC/DC external adapter

DETECTION OVER ENTIRE HEIGHT OF PERSON

ADVANCED TECHNOLOGY COMPACT DESIGN

EXTREMELY DURABLE AND RELIABLE



- **HIGH AND UNIFORM SENSITIVITY TO FERROMAGNETIC ITEMS**



CEIA® USA

www.ceia-usa.com

GSA Contract Holder

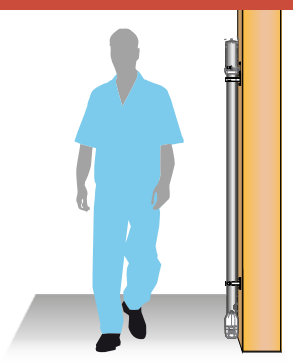
THREAT DETECTION THROUGH ELECTROMAGNETICS

SPECIFICATIONS

CONTROLS AND INDICATORS	Programming of operational parameters and downloading of data logger by smartphone, tablet or portable PC
	SECURITY: Password protected programming at User and Supervisor level
	MULTI-COLOR STATUS AND ALARM WARNING LIGHT GREEN LIGHT • Normal operation, no alarm YELLOW LIGHT • Detection of ferromagnetic object below alarm threshold RED LIGHT • Detection of ferromagnetic object above alarm threshold: Full height alarm indication, Indication proportional to signal intensity, Alarm indication with 5 different localization zones, Full height alarm indication, followed by zonal signaling • Blinking light: diagnostics alarm BLUE LIGHT • Connecting BT device in progress
	ALARM SOUNDER • Alarm indication for target over the alarm threshold: Fixed tone, Tone proportional to signal intensity, Single pulse for pinpointing target • Alarm tone can be selected, continuous and intermittent • Self-diagnostics signal: intermittent tone
	BT headset (ACCESSORY) • Copies all acoustic indications, with the addition of checking BT connection
POWER SUPPLY	Via Ethernet port, PoE Class 0 compliant to IEEE 802.3af/IEEE 802.3at Type 1
	Via connecting cable to external 24Vdc supply
	Via external AC/DC power adapter [ACCESSORY]
INPUT/OUTPUT	LAN port. Ethernet port, PoE Class 0 compliant to IEEE 802.3af/IEEE 802.3at Type 1
	IN/OUT port. General purpose connector. Type: 8-pole M12 male. It supports the following connections: • Power supply input. Voltage: 24Vdc ±10%, 0.25A max • RS-232 serial communication lines • Relay output, activated in case of alarm or diagnosis alert. Selectable in normally open or normally closed operation. Rating: 0.4A max, 30Vdc. • Inhibition input. Galvanically isolated 2-pole connection. Rating: + 5 ÷ 12 Vdc.
ENVIRONMENTAL CONDITIONS	Working temperature: 14 to 149°F
	Storage temperature: -35 to 158°F
	Relative humidity: 0 to 95%, non-condensing
DETECTOR WEIGHT	7.7 lbs
DIMENSIONS	Width: 3.5" - Height: 71.7" - Depth: 2.9"
SHIPPING INFORMATION	Dimensions: 85.5" x 7.9" x 6.3" (WxDxH)
	Weight: 22 lbs
DETECTOR DEGREE OF PROTECTION	For indoor and outdoor use

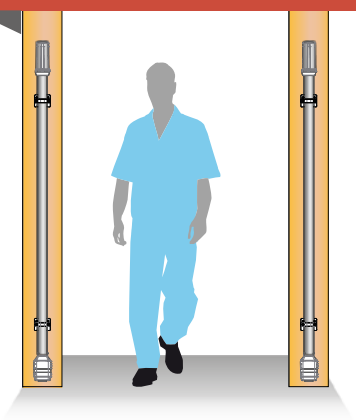
AVAILABLE ACCESSORIES		
	BT audio function activation, headset and charger	88919
	External AC/DC adapter	117021
	App CEIA FMD The application allows monitoring of the device, adjustment of the settings and downloading of data logger. Available on Google Play Store. REQUIREMENTS: Android 7.0 or later, BT interface available	–
	MSDX Distribution Box Accessory to be used for the installation of CEIA MSDW devices, designed to simplify the connections between detectors and external devices. It allows the connection of a single detector (Chain Head) or both (Chain Head and Chain Tail), in order to have a single power supply source.	117022

STANDALONE CONFIGURATION



PASS-BY OPERATION

PASS-THROUGH CONFIGURATION



CERTIFICATION AND COMPLIANCE

Safe for use for pacemakers and other medical implants

Compliant with the applicable electromagnetic Standards on Human Exposure and pacemaker safety

Compliant with and certified to the applicable International Standards for electrical safety and EMC

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CEIA USA reserves the right to make changes, at any moment and without notice, to the models (including programming), their accessories and options, to the prices and conditions of sale - DP220K0005v6000uUS (2023)