biseif® CMZ-RF11*

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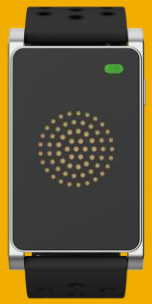
Heatstroke prevention Wearable



Technical specifications

Body measurements: 27mm (width) ; 13 mm (height) ; 45mm (length)
Strap width: 22mm Weight: 30g (± 1.7)
Body Material: ABS; Strap Material: Silicone
Protection: IP67; Shock and vibration resistance: ISO 8662
Alarm volume: 75 dB
Charging time: 1 hour
Charging voltage: 5V
Working current: 3-30mA
Accessories: USB charging cable
Sensors: Ambient temperature and body temperature
Heat resistance: 80º C
Temperature detection alarm: 37.8ºC body temperature, 42°C ambient temperature
Detection Interval: Every 90 seconds
ON/OFF function with selector button
Battery life: Approximately 60 days working 8 hours a day (under normal conditions)
Battery: Lithium 180mAh (400 charge cycles)
Maximum battery life in uninterrupted use charging every 60 days 24,000 days (65 years)

** The Biseif CMZ-RF11 preventive wearable is not a medical device. If you feel unwell, consult a doctor as soon as possible.*



Wearable activated with conditions favorable



Alarm Luminous by temperature ambient >42°C



Alarm, light, acoustic and vibratory by temperature body temperature >37.8°C

Rechargeable



Applications

Construction
Industry
Agriculture
Public works
Mining
Sports activities
Dependent persons
Security forces

aitex research & innovation center

Tests carried out by AITEX
The BISEIF CMZ-RF11 heatstroke prevention bracelet has completed a technical characterization and functional validation under controlled laboratory conditions, including:
-Technical characterization of the BISEIF bracelet.
-Evaluation of thermal behavior and preliminary functional validation under controlled laboratory conditions.
-Evaluation of the performance of the temperature sensors integrated in the bracelet.

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