

3M™ Scott™ ATS Distress Signal Unit

Article Number: 06010755



The 3M Scott Personal Alert Safety System (PASS) and Heat Control Device is an advanced **emergency alert system** engineered to maximize the life safety of personnel operating in immediately dangerous environments. Offered by IST Safety Ltd (IST İşçi Sağlığı Teçhizatı), this professional device creates a vital safety layer, particularly for firefighters, search-and-rescue teams, and industrial maintenance crews.

Utilizing high-precision sensors, the device continuously monitors the user's movements. If the operative remains completely motionless for a predetermined period (typically 20-30 seconds), a pre-alarm is triggered; if immobility persists, it activates a **high-decibel (95+ dB) audible and brilliant visual (LED) primary alarm** to enable rescue teams to rapidly pinpoint the casualty's location. Additionally, the integrated thermal sensor tracks ambient temperatures to warn personnel against intolerable thermal exposure. Featuring a compact, lightweight, and impact-resistant housing, it easily integrates onto any breathing apparatus (SCBA) harness or protective clothing.

Usage Areas

- **Firefighting & Structural Rescue:** Ensuring firefighter safety in low-to-zero visibility environments involving heavy smoke and severe thermal hazards.
- **Search & Rescue (SAR):** Tracking and securing personnel during collapse, rubble, or confined space rescue missions.
- **Confined & Restricted Spaces:** Monitoring for potential fainting, toxic gas incapacitation, or oxygen depletion in storage tanks, manholes, tunnels, and vaults.
- **Refineries & Chemical Utilities:** Real-time safety tracking and distress signaling for lone workers or maintenance technicians in hazardous areas.

TECHNICAL DETAILS

TECHNICAL SPECIFICATION

Sounders

Brass Piezo electric sounders

Pre alarm – 84-102 Leq DBa

Full alarm – 102-112 Leq DBa

Heat Sensor alarm activation

176oC (350oF) – 6 minutes

149oC (300oF) – 8 minutes

121oC (250oF) – 10 minutes

93oC (200oF) – 12 minutes

Dimensions

51mm x 80mm x 38mm (WxHxD)

Weight – 210g

Battery life

70 hours in sensing mode

2-4 hours in alarm mode

Low battery alarm

20% capacity giving minimum of 1 hour in alarm mode.

Battery

9 v duracell MN1604 recommended

Atex Approval

ExII1G EEx ia IIC T4



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