

NEW NFPA COMPLIANT **TPASS-4**



Shown
Approximate
Size

**The ONLY Two-Way Emergency Signaling,
Stand-Alone Personal Alert Safety System
with Evacuation Capability
Designed and Manufactured in the USA**

GRACE
INDUSTRIES, INC.
Solutions for Life Safety

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TPASS-4 SPECIFICATIONS

MODELS AVAILABLE:

- **Motion Sensing Only (TP4-M)**
- **Motion with Internal Temperature Sensing (TP4-H)**
- **Motion with Real-Time External Temperature Sensing (TP4-RTD)**
- **Motion Sensor:** User friendly, 3-axis, solid state, enhanced durability and reduction in false alarms
- **Telemetry:** Two-way signaling, license-free, Frequency hopping 902-928 MHz Spread Spectrum, complies with Part 15 of FCC Rules
- **Smart Signaling:** Each TPASS-4 functions as a repeater for critical signals providing superior performance
- **Activation:** Auto-on with Proprietary Accountability Key, Manual Activation Model also available
- **Status Display:** Large 6-character, Alphanumeric, LED read-out of PASS status and External Temperature (with RTD Model Only)
- **Case:** Rugged, High Temperature, Impact Resistant, Translucent, Amber-Colored Radel encapsulated in a durable, translucent, high-temp silicone sleeve. Entire case glows in all modes.
- **Alarm Audio Output:** 95+ dBA @ 10ft with Sound Discernability 6 dBA against given background noise
- **Alarm Transmission:** 1.5 second burst of RF transmissions occurring every 4.5 seconds
- **Batteries:** 4 Duracell MN1500, AA, 1.5 Volt Alkaline (recommended)
- **Battery Life:** Estimated at 70 hours in Sensing Mode and 2-4 hours in Alarm Mode
- **Product Life:** Approx. 3-5 years depending on frequency of use. Should be retired from service after 5 years of use or if damaged.
- **Dimensions:** Approx. 3" wide, 4-9/16" high, 2-5/16" deep
- **Weight:** 16 ounces with batteries (without Accountability Key)
- **Warranty** - 1 year from date of purchase

Meets the NEW Requirements of the NFPA Standard for PASS, 2007 Edition

- Heat and Immersion Leakage Test - 6 cycles; 15 minutes at 350° F and then immersed in 64° F water, 4.9 feet deep for 15 minutes,
- High Temperature Functionality Testing - 500° F for five minutes and must meet 95db sound pressure at 9.9 feet
- Tumble - Vibration Test – Three hours at 15 rpm, for a total of 2700 revolutions/drops in the four foot diameter tumbling apparatus
- Muffle testing – sound level evaluated in five positions, must meet 95db sound pressure at each position, at 9.9 feet
- Data Logging – capacity of 8000 events with date and time stamp

**Meets the Intrinsic Safety Requirements of ANSI/UL913;
Class I, Groups C and D; Class II, Groups E, F, and G; Division 1
Hazardous Locations**