

amanTag®

People safety and asset protection systems

An advanced identification and localisation system that has a wide range of applications. amanTag provides a real-time monitoring system that is secure and easy to implement. High performance tags protect valuable exhibits in museums, paintings in galleries, track high risk wandering patients, safety for workers in hazardous environments and the protection of babies on a maternity ward. Protect and be safe with amanTag.

Personal transponder

The PSA 1 and PSA 3 transponders are major components in the amanTag Human Protection System. They can be used as standalone devices, or in a network. The PSA 1 is equipped with a push-button function that can be configured in the system. When it is used as a call button, it can trigger an assistance call with a range identifier. The PSA 3 has three push-buttons, the functions of which also depend on the system configuration. The middle button can be configured as a call or acknowledgement button. The transceiver picks up the call signals from these transponders in a radius of 25 metres and triggers an alarm. This can then be switched through the built-in isolated contact in the transceiver or forwarded to third-party systems via an interface. When configured as an acknowledgement button, it can be used to reset alarms present in the system. The (red) LED gives the user feedback that the transponder has performed its function. The transponders are designed to be used as key fobs, and can also be worn as pendants.

Your benefits at a glance:

- **Easy to set up**
- **Bidirectional communication**
- **Alarm signal to LCA 500 T / 700 T for low battery level**
- **Customer can replace the battery**
- **Configurable push-button functions**
- **With loop for carrying on a key ring or for wearing as a pendant**



PSA 1

PSA 3

Technical data

Dimensions WxHxD / weight:

PSA 1	40 x 83 x 18 mm / 40 g
PSA 3	47 x 87 x 16 mm / 50 g

Protection class:

IP 44

Material:

ASA / V2A

Colour:

Grey

Operating temperature:

+5...+50°C

humidity:

5...95%, non-condensing

Power requirement:

1x CR2450 battery

Frequencies:

Wake-up frequency:	125 kHz
Working frequency:	868 MHz

Transmission range:

Up to 25 m

Battery life:

Up to 3 years