

### 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.



#### Baby Transponder

The BTA 1 transponder is a major component in the amanTag Human Protection System. When someone enters a locator's transmit field, the baby transponder is activated and sends the device locator ID together with its own transponder identifier to the corresponding transceiver. An alarm is triggered immediately if this transponder is not accompanied by an associated assistance transponder in the same detection field; the alarm can be switched through the built-in isolated contact in the transceiver or forwarded to a third-party system via an interface. The baby transponder can be placed in nappy pants available as an option.

#### Your benefits at a glance:

- **Easy to set up**
- **Bidirectional communication**
- **Alarm signal to LCA 500 / 700 for low battery level**
- **Low weight, optimum comfort in wear**
- **Customer can replace the battery**
- **Optional nappy pants with transponder pocket**

#### Technical data

**Dimensions WxHxD / weight:** 40 x 40 x 11 mm / 20 g

<b>Protection class:</b>	IP 66
<b>Material:</b>	ASA
<b>Colour:</b>	Grey
<b>Operating temperature:</b>	+5...+50°C
<b>Power requirement:</b>	1x CR2430 battery
<b>Frequencies:</b>	
Wake-up frequency:	125 kHz
Working frequency:	868 MHz (EU) 916-921 MHz (US)
<b>Transmission range:</b>	Up to 25 m
<b>Battery life:</b>	Up to 2 years