



Level control
SIGNALBOX T1
SIGNALBOX T5



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Level control
SIGNALBOX T1 and T5



- » Fill level monitoring can save lives!
- » Never vacate the laboratory again due to hazardous vapors.

» No overflowing – the plant fire brigade stays in the garage.



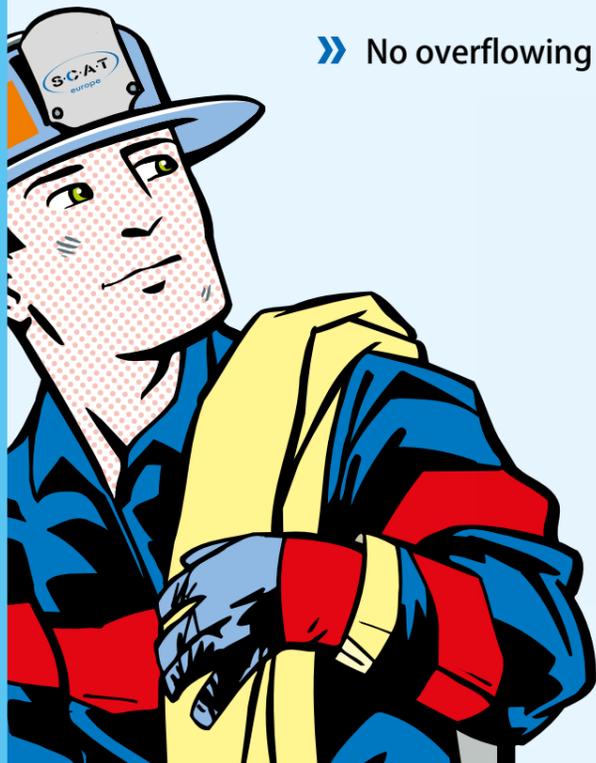
BACK VIEW SIGNALBOX T1



BACK VIEW SIGNALBOX T5

**BETTER LEVEL CONTROL WITH
OUR NEW SIGNAL BOXES!**

- ✓ **POWER AND STATUS LEDs**
Keep the operating of the signal box and the filling levels of the connected containers easily and safe in mind.
- ✓ **SNOOZE & RESET BUTTON**
Control of the optical and acoustic warning signals at the push of a button.
- ✓ **SOLID STAND**
The solid stand enables a flexible and safe positioning at the working environment.
- ✓ **CONTACT SWITCH**
Due to the potential-free contacts, external devices such as pumps or valves can be controlled. **Thanks to separated channels there can be a respond to single sensors.**
- ✓ **SPACE FOR LABELLING**
Useful title blocks enable easy classifying of the connected containers.



Level control
Disc sensor



- » Select between alarm for full or empty state
- » The sensitivity can be adjusted to different wall strengths
- » Fastening material included



Disc sensor

Recognizes fluids through all glass or plastic walls. Not suitable for stainless steel containers or canisters made of conductive plastic.

Fill level detection without touching the content of the container. The sensitivity of the sensor can be adjusted to different wall strengths. The signal box emits an optical and acoustic signal before a previously set fill height is reached. Suitable for all containers made of glass and non-conductive plastic.

Just connect the sensor to the container wall at the desired fill level (fastening material is included with delivery), connect mains plug – done. No technical modifications to the receptacle are required.

- » Simple installation
- » Reusable when the container is empty
- » For all typical containers made of glass or non-conductive plastic
- » Monitor up to 5 containers at the same time



Level control
with SafetyWasteCaps

LEVEL CONTROL



For containers made of conductive plastic or metal, the level control can be accomplished through the closure. All SafetyWasteCaps with this mark can be connected to our signal boxes:



Signal cable

Connection between SafetyWasteCap and signal box.

Available in various lengths, can be combined to lengths up to 200m. Also suitable for controlling externally connected devices through the contact switch.



LEVEL CONTROL

Level control Signal boxes



Contact switch (potential-free contact)

For controlling external devices such as pumps or valves.

Contact switch 1-5 and „ALL“ (potential-free contacts)

The Signalbox T5 can respond to single sensors. The output „ALL“ reacts to all connected sensors, regardless of their number or channel.

Signal boxes incl. power supply

Fig.	Part No.	Description	Connectors	Dimensions mm (W x H x D)	Incl. power supply
A	108 087	Signalbox T1	1	180 x 105 x 55	EU
B	108 088	Signalbox T5	5	180 x 105 x 55	EU
A	108 119	Signalbox T1	1	"	USA
B	108 121	Signalbox T5	5	"	USA
A	108 122	Signalbox T1	1	"	UK / England
B	108 124	Signalbox T5	5	"	UK / England



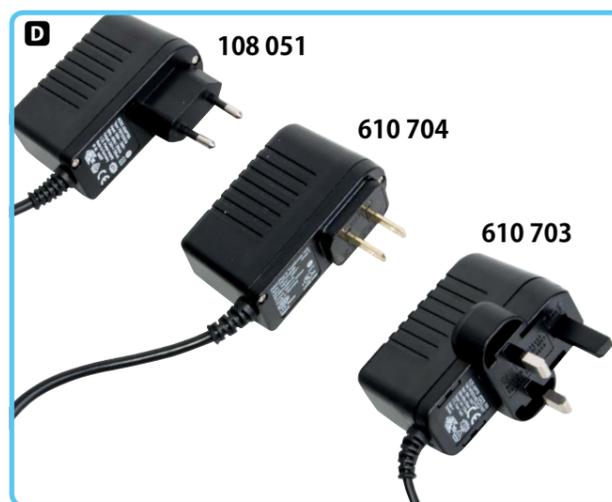
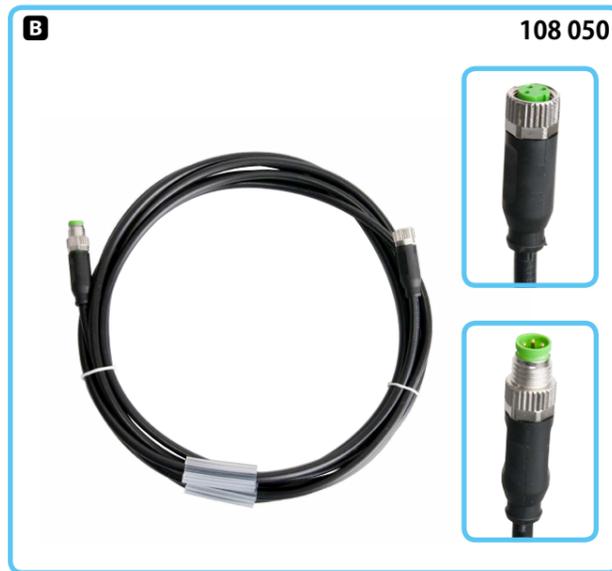
Level control Signal box sets



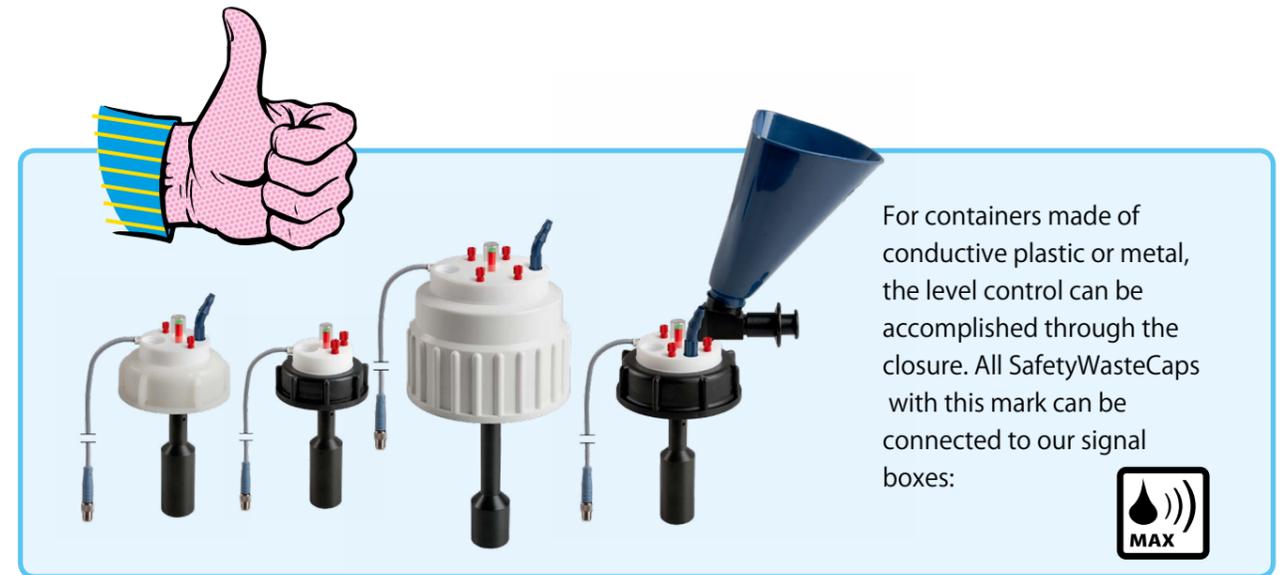
Signal boxes sets

Fig.	Part No.	Description
C	108 125	Signalbox T1 with disc fill level sensor , signal cable 3 meters, velcro strip for disc sensor 2 meters, EU power supply
	108 157	Signalbox T1 with disc low level sensor , signal cable 3 meters, velcro strip for disc sensor 2 meters, EU power supply
	108 158	Signalbox T1 with disc fill level sensor , signal cable 3 meters, velcro strip for disc sensor 2 meters, USA power supply
	108 159	Signalbox T1 with disc low level sensor , signal cable 3 meters, velcro strip for disc sensor 2 meters, USA power supply
	108 160	Signalbox T1 with disc fill level sensor , signal cable 3 meters, velcro strip for disc sensor 2 meters, UK/England power supply
	108 161	Signalbox T1 with disc low level sensor , signal cable 3 meters, velcro strip for disc sensor 2 meters, UK/England power supply

Level control
Accessories single



Level control
with SafetyWasteCaps



Please find detailed information on SafetyWasteCaps with electronic level control in our current catalogue and at www.scat-europe.com

Fig.	Part No.	Description
A	108 048	Disc sensor (alarm at full state)
A	108 045	Disc sensor (alarm at empty state)
B	108 050	Signal cable, length 3 meters
	108 037	Signal cable, length 5 meters
	108 038	Signal cable, length 10 meters
C	900 108	Velcro strip for disc sensor, length 2 meters
-	900 107	Dual Lock (releasable pressure) closure for disc sensors, approx. 20 x 20 mm. Tougher and longer lasting than conventional Velcro closures.
D	108 051	EU power supply
D	610 704	USA power supply
D	610 703	UK/England power supply



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