

Dräger FRT 1000 Tracking system for fire brigades



With the new Dräger fire-fighter-location device fire-fighters can locate their trapped, missing or disoriented colleagues – or to find their own way back to the colleagues in a situation of disorientation in deteriorating conditions.



ST-10561-2007

Dräger FRT 1000
(Front side)



ST-10557-2007

Dräger FRT 1000
(Back side)

The Dräger FRT 1000 (Fire-fighter Rescue Transceiver) is a low-frequency transmitter-receiver that is not deflected by walls or other obstacles. The device is activated by pulling the yellow on-/off-key on the back-side (“standby-mode”).

As soon as a colleague of the crew does not move for a short amount of time, his device will send out an audible alarm signal and will switch automatically from “standby-mode” into “transmit-mode” (auto transmit). This feature is made possible by an integrated motion sensor. The other crew members will take their Dräger FRT 1000 out of the pouch and switch manually from “standby-mode” into “fire-fighter-search-mode”. The digital display shows distance to the missing colleague in meters. The number decreases if they move closer towards the victim.

In case of many missing fire fighters, the Dräger FRT 1000 isolates the strongest signal - and thus the closest victim - within a 10 m range. This way, you can find missing colleagues one after the other. This application of “buddy rescue” is the main purpose of the Dräger FRT 1000.

Moreover, every fire-fighter who has lost orientation can act preventively and find his way back to the crew as long as he still has enough air supply left. This application - known as “self rescue” – requires the disoriented colleague to switch into “fire-fighter-search-mode” and accordingly to ask his colleague by radio to switch over to “transmit-mode” (manual transmit).

Beside a 24-month warranty Dräger offers a global repair and replacement service.

Dräger FRT 1000 – another quality product from Dräger Safety.

TECHNICAL DATA

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|----------------------------|---|
| Frequency: | 457 kHz (approved globally) |
| Size (L x W x H): | 14 cm x 8 cm x 3 cm |
| Weight: | 200 g without batteries |
| Power supply: | 3 alkaline batteries; type AAA / LR03 |
| Battery power: | approx. 30 h in „transmit-mode“ approx. 45 h in „search-mode“ approx. 45 h in „standby-mode“ |
| Battery alarm: | Two-stage battery alarm; when activating the device (< 40%) and during operation (< 20%) |
| Housing material: | Polycarbonate (black) |
| Motion sensor: | Pre-alarm after 30 sec; main alarm after 60 sec |
| Signal range: | 30 m average |
| Speaker decibel: | 85dB at 10 cm distance |
| Display: | LED |
| Drop test: | 1 m |
| Immersion test: | 15 cm for 30 min |
| Impermeability: | Designed to meet requirements according to IP 54 |
| Working temperature range: | -20 to +80 degrees C |
| Maximum heat resistance: | 260 degrees C for 5 min |
| Operating modes: | „standby-mode“ „fire-fighter-search-mode“ – Search of another Dräger FRT 1000 „transmit-mode“ – Sending of a radio signal „egress-transmitter-search mode“ – Search of a Dräger ETR 1000 |

ORDER INFORMATION

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| Dräger FRT 1000 | Included in delivery: 1 Dräger FRT 1000, 2 on-/off-keys, attachment for retractable lanyard, 3 AAA alkaline batteries, operating manual | R 56 770 |
| Recommended accessories for usage | | |
| Pouch for safe storage of the Dräger FTR 1000 during operation | | R 56 761 |
| Retractable lanyard to secure the Dräger FTR 1000 to the fire-fighter during operation | | R 56 762 |



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