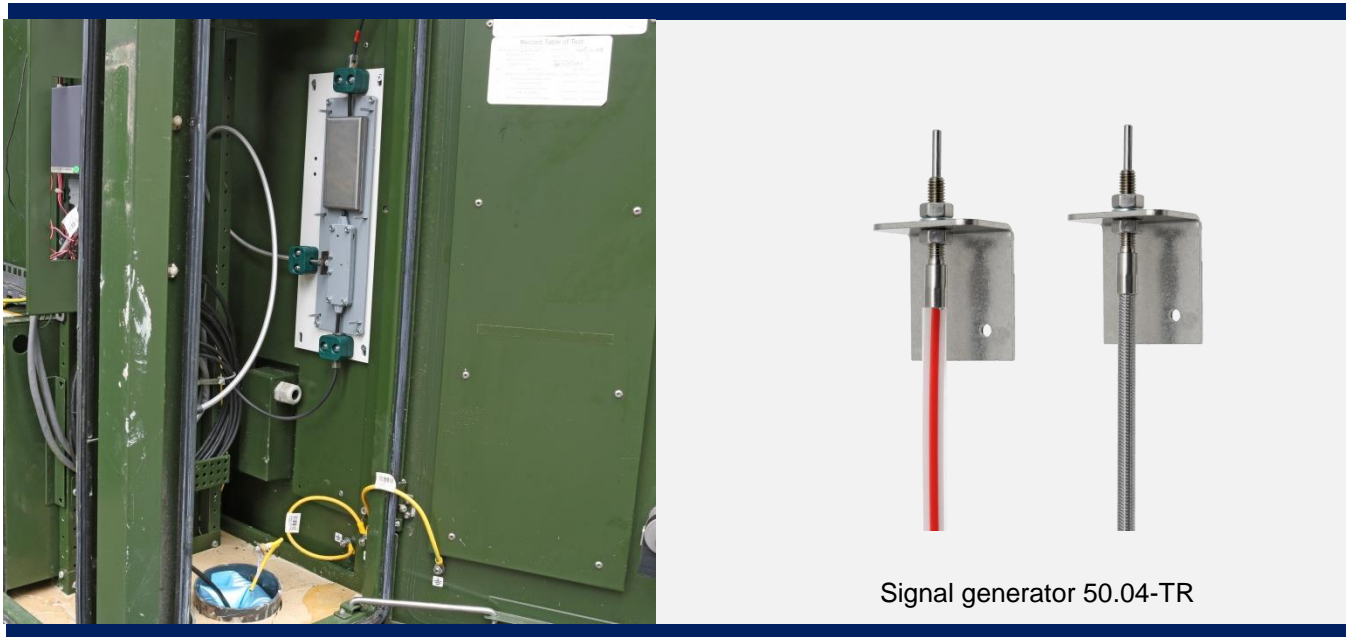


**EMA-VM-TR Remote alarm system (long-duration)**

Monitors technical rooms and cable distribution cabinets:  
reacts if someone opens the door, breaks in, climbs through or reaches inside

For monitoring 2 to  $\geq 12$  signal lines over distances up to 80 km  
based on DIN VDE 0833-1, -3, -4



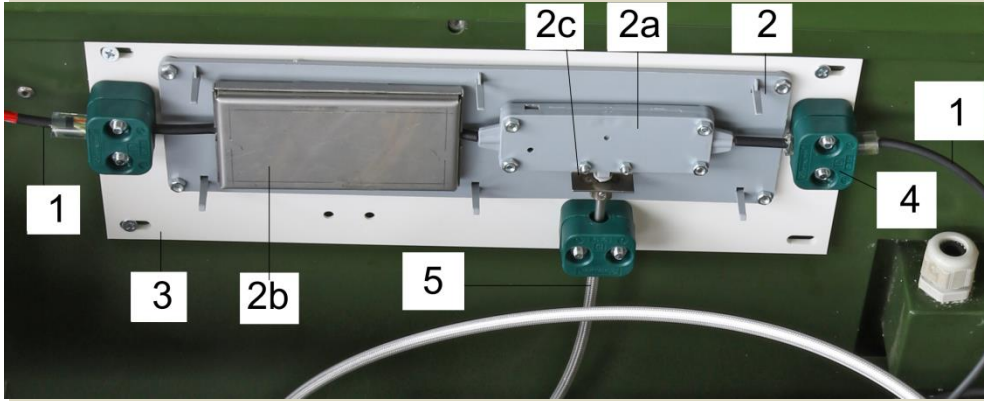
Signal generator 50.04-TR

**Application: For monitoring technical rooms and cable distribution cabinets**

- Sensors Art. Nos. 49.01 EMA-VM or 49.03 EMA-VM-TO (with TO dead-zone box) remain triggered as long as the door is still open.
- After the cover is closed, the sensor is deactivated and on alert. This happens fully automatically.
- Temperature resistance – 40 °C to + 70 °C
- **Particular features:**
  - Various states, e.g. opening, entry, water levels, can be monitored simultaneously, by setting up the appropriate EMA-VM and GMA-VM remote alarm systems in series. If a GMA-VM is activated, it can be re-set to alert within 3 min, after the cause of triggering has been removed and the signal generator has been replaced (replacement material is required).
  - **When several remote alarms are in use, the precise location of the alarm for water, heat/fire or unauthorised entry is made possible if a dead-zone box (with dead-zone fibres) is utilised.**

Sensor | remote alarm system (long-duration)

Break-in detection sensor



Signal generator Art. No.

50.04-TR

50.04-TR-M  
(Microtube)

[5]

[5]

[6]

Key:

No.	Designation	Art. No.
[1]	VM-Kabel	<b>49.03 EMA-VM-TO</b> Sensor
[2]	Protective sensor casing (shown here without lid: for max. 2 sensors [2a] or 1 sensor [2a] and 1 dead-zone box)	
[2a]	EMA-VM sensor	
[2b]	TO dead-zone box	
[2c]	Adjustable attachment ring (for attaching the push-pull signal transmitter [5].	
[3]	Baseplate for the protective casing	
[4]	Clamp Ø 10 mm for attaching the signal transmitter [5] and VM cable [1]	
[5]	Push-pull signal transmitter with signal generator	Signal generator <b>50.04 TR</b>
[6]	Microtube covering the transmission line (as protection)	or <b>50.04 TR-M</b> (with microduct)

Manufacturer

Your local sales partner

National sales

**WOLF**<sup>®</sup> GmbH  
 Zazenhäuser Str. 52  
 70437 Stuttgart, Germany  
 Tel. ++49 (0) 711 87 39 41  
 Fax ++49 (0) 711 87 12 30  
 E-Mail: [service@wolf-systems.com](mailto:service@wolf-systems.com)  
 Internet: [www.wolf-systems.com](http://www.wolf-systems.com)

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