

Operating device according to the directive ATEX

For use in hazardous environments

- ✎ Explosion-protection for dust and gas in zone 1 and 2 as well as for mining
- ✎ robust and reliable
- ✎ can be used as cable control with CANopen-interface
- ✎ protection from ignition by potential danger of electrostatic discharges

**Gross-Funk radio remote controls
offer you double security
for all fields of application**

- safe use in hazardous areas
- high functional safety for
safe operations



**Zone 1/21
type approved**



Explosion-protection classifications

For M1 (mining):

ExI M1 EX ia

For zone 1/21:

⊕ II 2 G Ex ia IIC T4

⊕ II 2 D Ex ia IIIC T 135°C

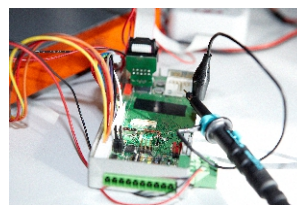
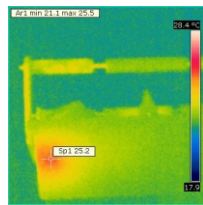
Category 3 zone 2/22

⊕ II 3G Ex nA IIB T5

⊕ II 3D Ex tc IIIC T100°C



In order to ensure that you can use our radio remote controls in hazardous areas with a good conscience our systems are all developed, manufactured and tested in accordance with the applicable safety standards.



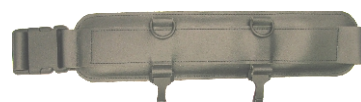
transmitter types available

	T30	T31	T07	T14	T53	note
category 2 zone 1/21	✓	✓	✗	✗	✗	battery <u>may</u> be changed in hazardous areas
category 3 zone 2/22 ^{*)}	✓	✓	✓	✓	✓	battery <u>must not</u> be changed in hazardous areas. Available as CANopen cable control
ExI M1 EX ia	✓	✓	✗	✗	✗	battery <u>may</u> be changed in hazardous areas

^{*)} Other transmitter types on request

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convenient accessories for use in hazardous areas



carrying strap for use in zone 1 and zone 2