

# Radio Remote Control for EX Zones

- § Designed for Explosion Endangered Areas
- § Easy to Operate
- § High Safety Standards
- § Cost Effective



# EX-PROOF SYSTEMS for explosion-proof areas

HETRONIC **EX-PROOF** radio remote control systems guarantee the maximum possible efficiency and safety. These modular systems have proven reliable, permanent operation year after year. The operator can choose a remote location and is no longer bound to the site of the machine, as long as he is within certain zones. Working conditions become more efficient and safe. HETRONIC offers systems for category Ex I M2 as well for category Ex II 2G.

HETRONIC offers the following Radio Remote Controls for explosion-endangered areas:

Category I M2 and II 2G Zone 1 and 2  
Transmitter types NOVA-L, GL, GR and  
EURO for ex-Zone-1, versions:

Mining I M2 EEx ia I  
Chemistry II 2G EEx ia IIB T4  
II 2G EEx ia IIC T4

These transmitters are delivered with rechargeable batteries, which can be replaced within the explosion-endangered area.

Respective approval of the EU model test certificate:

Transmitter: BVS 03 ATEX E 319  
Battery: BVS 03 ATEX E 261

Production at HETRONIC  
Inspected by TÜV  
Süddeutschland CE 0123.

The transmitters are available with feedback on LED, feedback on display, with an additional control cable and much more. These transmitters are EU model test certificate compliant and adjusted to the customer's functional range.

The receivers of category II 2G can be delivered complete in a d-housing with additional e-housing. The following versions are available:

... IIB standard  
... IIB corrosion protected version/offshore  
... IIC standard  
... IIC corrosion protected version/offshore

Temperature class up to T6, depending on the required functional range.

## About Hetric:

HETRONIC specialises in safety radio remote controls. Four manufacturing facilities and a network of distributors in over 45 countries provide maximum knowledge and support for our customers. We are confident that our innovative products will increase the safety and efficiency of your machines.

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## Category II 3G

Transmitter types MINI, HH, NOVA-S,  
NOVA-M, NOVA-L, GL, for EX-Zone-2,  
versions:

Chemistry II 3G EEx nA II T6  
or II 3G EEx nC IIC T6

depending on the transmitter type and the functional range.

Receiver with a maximum of 20 output relays + emergency stop relay, versions:  
Chemistry II 3G EEx nc IIC T6

The a.m. transmitters and receivers are delivered with a manufacturers declaration of HETRONIC, but without an EG-Type-examination certificate. This is sufficient for equipment of category 3, according to 94/9/EG.

These transmitters are delivered with rechargeable batteries, which must be replaced out of the explosion-endangered area.

Receivers with a different functional range are available in a d-housing with additional e-housing (see category II 2G).



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