

PROFESSIONAL SOLUTIONS

MOBILE GAS METER GM-1



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HRSD

DESCRIPTION

Mobile Gas Meter GM-1 is designed to work in all types of mine railways (floor-mounted rail, monorail, diesellocomotive, battery-powered), longwall shearers, roadheaders and all the other moving machines used in mines. It is designed for continuous operation.

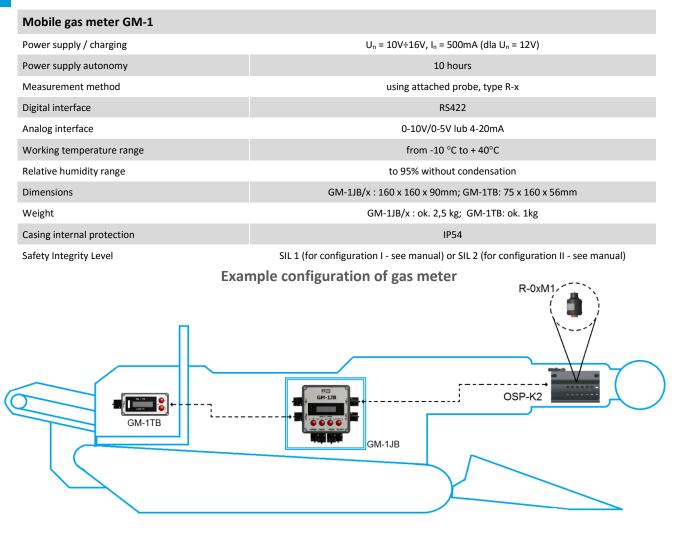
GM-1 has four relay outputs. These outputs can be used for driving power switch to machines e.g. in case of exceeding the concentration of methane. Gas meter beside relay (opto-mos) outputs has RS422 interface and analog output (depending on device version it can be voltage output 0-10V, 0-5V or current output 4-20mA).

The Mobile Gas Meter system consist of three cooperating types of devices:

- Junction Box GM-1JB/x (main controller)
- Terminal Box **GM-1TB** (user terminal)
- The Remote Probe **R-X** (gas sensor)

The device is equipped with rechargeable battery. In case of no external power supply the device can operate autonomously for a period of about 10 hours. Mobile Gas Meter GM-1 is M1 category device.

BASIC TECHNICAL DATA



EXPLOSION-PROOF MARK

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EC type examination certificate: TEST 14 ATEX 0063X; TEST 14 ATEX 0062X Certificate of Conformity (PN-EN 60079-29-1:2010): OBAC/0178/CZ/15



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