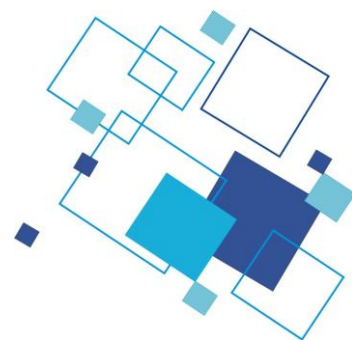
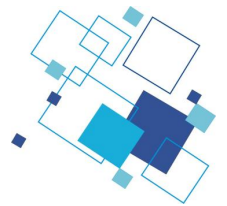
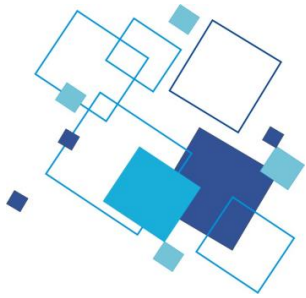


MINING MONITOR MG-1



Catalogue card



DESCRIPTION

The MG-1 mining monitor is a stationary device whose primary function is to display images from mining cameras monitoring underground mine workings. The video is transmitted via an Ethernet network, accessed via single-mode fiber optic cables (100BASE-FX) or twisted-pair Ethernet cables (terminated with an RJ45 connector using the 100BASE-TX standard).

The monitor features an LCD screen with a maximum resolution of 1024x600 pixels. The MG-1 mining monitor is a M1 category device, which means it can be used in all underground mining plants where there is a probable risk of methane and/or coal dust explosion.

The monitor can be equipped with 6-12 function buttons. Button functions can be defined by the customer (e.g., changing device configuration parameters, switching the image to an industrial process visualization system, etc.).

Monitor types are available in various configurations:

- with or without junction box
- 0/6/12 function buttons
- Ethernet version RJ45
- fiber optic version WDM
- fiber optic version with connector E2000
- fiber optic version with connector SC/APC

TECHNICAL DATA

Mining monitor MG-1	
Power supply	Uz = 12÷30VDC max 16W
Temperature range	from -10 °C to + 50°C
Relative humidity range	from 0% to 95% without condensation
External dimensions	480 x 300 x 130 mm (with junction box) 400 x 300 x 130 mm (without junction box)
Weight	about 8,5 kg
Casing internal protection	IP65
Resolution	1024 x 600 pixels

EXPLOSION-PROOF MARK

⊕ I M1 Ex ia op is I Ma (for the version with the optical communications)

⊕ I M1 Ex ia I Ma (for the version with cable communication)

EC type examination certificate UE: TEST 16 ATEX 0009X