



Measuring-control system MPS-XX-NG



MPS-XX-NG

Construction:

Type	Physical unit	Mark	Measuring
MPS-11-NG	Explosive gas	CH ₄ IR	0...5...100%
MPS-02-NG	Air flow	v	0 to 20 m/s
MPS-03-NG	Temperature	T	-20°C to 100°C
MPS-04-NG	Level	h	by request
MPS-05-NG	Oxygen	O ₂	0 to 30 %
MPS-06-NG	Carbon monoxide	CO	0 to 2000 ppm
MPS-07-NG	Relative humidity	RH	0 to 100 % RH
MPS-08-NG	Pressure	p	100 to 1100 mbar
MPS-09-NG	Carbon dioxide	CO ₂	0...5...100%
MPS-10-NG	Differential pressure	dp	-50 to 50 mbar

Technical data:

Voltage supply	12 VDC
Consumption	max. 100 mA
Temperature range	-20°C to +40°C
Outputs	4 - 20 mA 5 - 15 Hz 0 - 5 V
Mechanical protection	IP54
Dimensions	290 x 126 x 90 mm
Weight	4 kg
Cable gland	M20x1.5 (or connector)
Explosion protection	I M1 Ex ia I

Description, application:

Measuring-control system MPS-XX-NG is electronic device for measuring the physical values in underground mines. Robust design makes it suitable for operating in heavy working conditions. Device is build of stainless steel housing with hook, which has electronic component inside. On the front side is LCD display. Below display are soft touch keys for device setting.

Main functions:

- Measurement
- Display of results
- Alarming
- Communication

The catalogue has only those selected important parameters for your final decision. For project designs always ask for the user's guide for this product and any engineering consultation about possible uses.