GAS MIXER MM-FLEX

Gas mixing systems for 2 defined gases, designed for a variety of applications where an adjustable gas mixture is required.

Capacity range up to approx. 216 Nl/min. For the exact pressure and flow capacity ratios, please see the technical data overleaf.

Benefits
- low cost
- very compact design
- easy to install
- wall mounting possible
- adjustable operating / outlet pressure

High process reliability
- independent of pressure fluctuations in the gas supply
- independent of withdrawal fluctuations (in permitted range)

Options
- WITT-Pipe Couplers for pipe OD 8 mm
- Flame Arrestor in the outlet (for flammable gases)
- Shut off by solenoid valve in the outlet, 230 V AC or 24 V DC, also in Ex-version

Easy operation
- a proportional mixing valve with a control knob and %-scale provides infinitely variable mixture settings
- infinitely variable flow setting with scaled adjustment knob

Other models, options and accessories available upon request.

Please identify the individual gases at the time of enquiring!
### GAS MIXER MM-FLEX

**Type**
MM-FLEX

**Gases**
all technical gases (excluding toxic and corrosive gases also mixtures of fuel gas with air, O₂ or N₂O)

**Mixing range**
0–25% or 0–100%
by selection of suitable mixing range
the accuracy corresponds to ISO 14175

**Pressure settings**
see table

**Inlet pressure differential between the gases**
max. 3 bar

**Mixture output (air)**
see table
min. mixture output = 1/5 of the max. mixture output

**Setting accuracy**
±1% abs. (scale 0–25%),
±2% abs. (scale 0–100%)

**Mixing precision**
better than ±2% abs.

**Gas connections**
G 3/8 RH with cone, hose nipple 6 mm

**Housing**
aluminium

**Weight**
approx. 3 kg

**Dimensions (HxWxD)**
approx. 168 x 125 x 147 mm (6.61 x 4.92 x 5.79 inches)

**Approvals**
Company certified according to ISO 9001
CE-marked according to:
- ATEX 114 Directive 2014/34/EU
Cleaned for Oxygen Service according to:
- EIGA IGC Doc 13/12/E: Oxygen Pipeline and Piping Systems

### Flow MM-FLEX (in Nl/min) in relation to air

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**Note:** Reduced mixture output in case of higher outlet pressures.