



**Tapping point pressure regulator
ET2000-40-10-NFG**

Product features

- Ergonomically designed tapping point pressure regulator
- For non corrosive technical gases
- Approved for use with oxygen
- Single-stage type with high control accuracy
- Outlet pressure limitation by special adjustment
- Central filter in the regulator
- Safety pressure gauge acc. to DIN EN ISO 5171
- Compact design

Technische Daten

Type	single-stage
Inlet pressure P_1	max. 40 bar max. 1,5 bar (acetylene)
Max. outlet pressure P_2	1,5 / 2,5 / 10 / 20 bar
Materials	
Body:	brass
Diaphragm:	EPDM
Valve cone:	PA
Connectors	
Inlet NFG, O ₂ :	G 3/8" union nut
FG, C ₂ H ₂ , Flux:	G 3/8" LH union nut
Outlet NFG, O ₂ :	G 1/4" + gland 6mm
FG, C ₂ H ₂ , Flux:	G 3/8" LH + gland 9mm
Temperature range	-20°C to +60°C
Leak rate	≤10 ⁻⁴ mbar l/s He
Weight	ca. 1,3 kg

Flow rates Q [m³/h] ET2000

The table below indicates approximate values for the flow rate in standard cubic meters of air at the indicated operating conditions. The flow rates for other gas types may be calculated using the conversion factors from the table on the right.

For detailed flow rate calculations please refer to our data sheet "Performance diagram".

Inlet pressure P_1 [bar]	Flow rate Q at P_2 [bar] for air					
	0,5	1	3	6	10	20
40	5	15	30	40	50	60
20	5	15	20	25	30	-
10	5	15	15	15	-	-
5	5	10	10	-	-	-

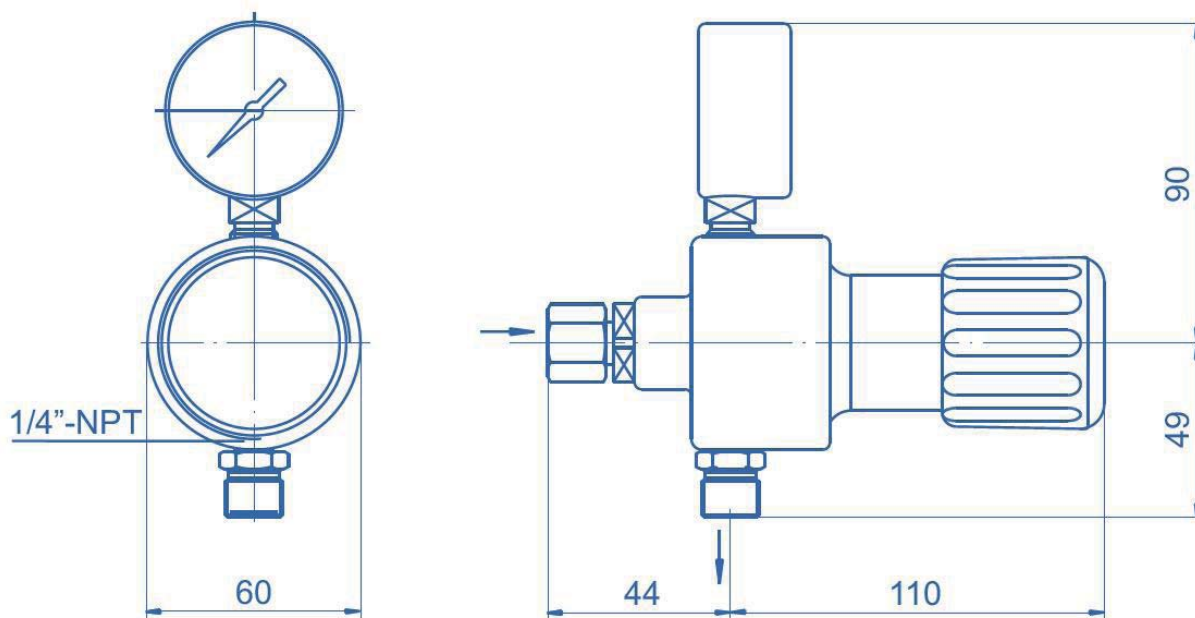
Inlet pressure P_1 [bar]	Flow rate Q at P_2 [bar] for air		
	0,3	0,5	1
1,3	0,2	0,5	1

Conversion factors

Gas type	factor
Argon	0,85
Helium	2,69
Carbon dioxide	0,81
Oxygen	0,95
Nitrogen	1,02
Hydrogen	3,79

Performance factor $L_{10} = 3$

Dimensions



Ordering information: Pressure regulator ET2000

ET2000 - 40 - 10 - NFG

Outlet pressure P_2

1,5	max. 1,5 bar
2,5	max. 2,5 bar
10	max. 10 bar
20	max. 20 bar

Gas type

O ₂	NFG	FG	C ₂ H ₂
oxygen	non flammable gases	flammable gases	acetylene
71705891	71705895	71705899	71705890
71705892	71705896	71705900	
71705893	71705897	71705901	
71705894	71705898	71705902	

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