

General information

The flow rates quoted for the individual pressure regulators are for compressed air, unless otherwise stated. For all other technical gases, the flow rate can be calculated from the values for compressed air using the following conversion factors:

Conversion factor:	Argon	0.85	Nitrogen	1.02
	Oxygen	0.95	Methane	1.40
	Carbon dioxide	0.81	Hydrogen	3.79
	Helium	2.77	Nitrous oxide	0.81

Example:	Compressed air	40 Nm ³ /h
	Flow rate for Argon	40 x 0.85= 34 Nm ³ /h

Pressure regulators for acetylene are generally designed for an inlet pressure of 17 bar (at 15°C) and a working pressure of max. 1.5 bar.

The working pressure values given in the table are those of the standard model. Other working pressure ranges (other than for acetylene) can be obtained on request.

All pressure values given are excess pressure values.

When ordering, please state both the gas to be used and, for hose outlets, the type of hose connection (for 5, 6, or 8 mm internal hose diameter).

Except as noted otherwise, our pressure regulators are available in versions for the following gases:

-acetylene (A)	-formation gas (NH)
-argon (AR)	-nitrous oxide (NO)
-carbon dioxide (C)	-nitrogen (N)
-compressed air (DL)	-oxygen (O)
-hydrogen (H)	-propane (P)
-helium (HE)	-mixture combustible (LG)
-natural gas / methane (M)	-mixture non combustible (RG)

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