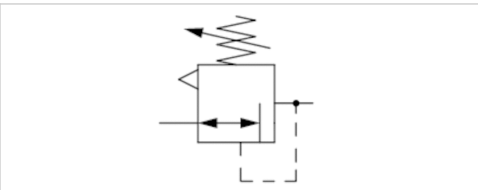


Pressure regulator, Series MU1-RGS

- G 1
- Qn = 5000 l/min
- Standard pressure regulator
- Activation Mechanical
- suitable for ATEX



Parts	Pressure regulator
Mounting orientation	Any
Certificates	suitable for ATEX
Working pressure min./max.	0,5 ... 25 bar
Ambient temperature min./max.	-10 ... 80 °C
Medium temperature min./max.	-10 ... 80 °C
Medium	Compressed air Neutral gases
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0,5 ... 10 bar
Pressure supply	single
Activation	Mechanical
Weight	1,2 kg

Technical data

Part No.	Port	Flow
		Qn
R412006574	G 1	5000 l/min

Nominal flow Qn with secondary pressure 6 bar at Δp = 1 bar, Suitable for use in Ex zones 1, 2, 21, 22.

Technical information

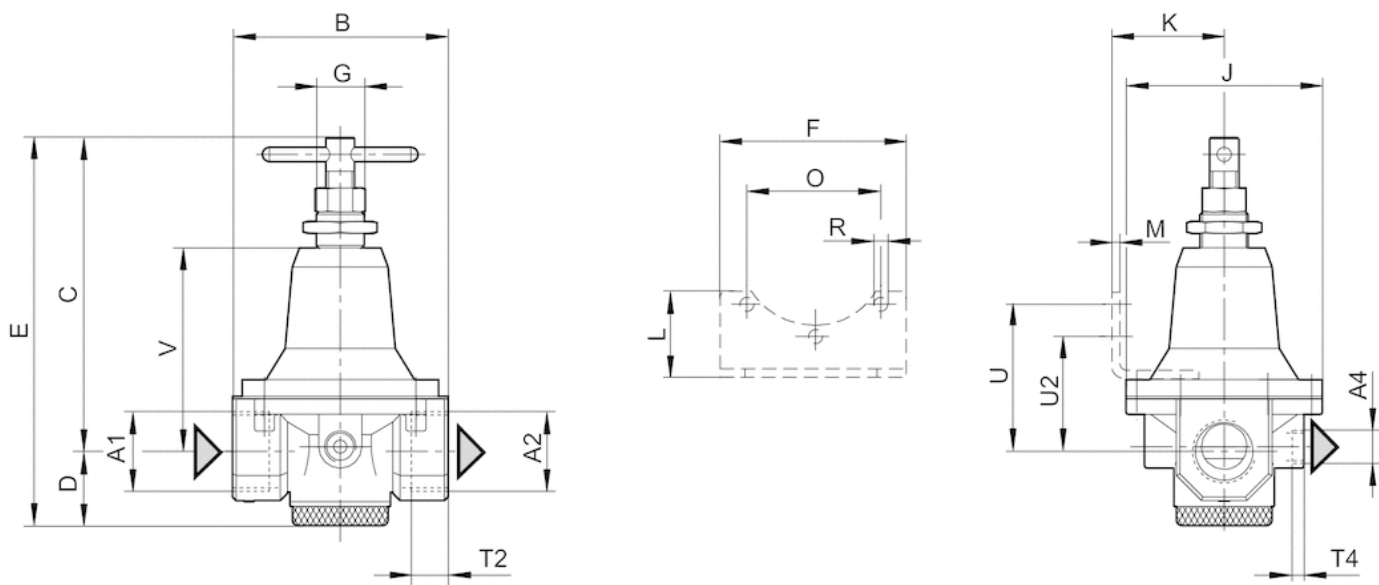
The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
 Mounting: panel installation or mounting bracket R412004872
 Suitable for use in Ex zones 1, 2, 21, 22.

Technical information

Material	
Housing	Die-cast aluminum
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions

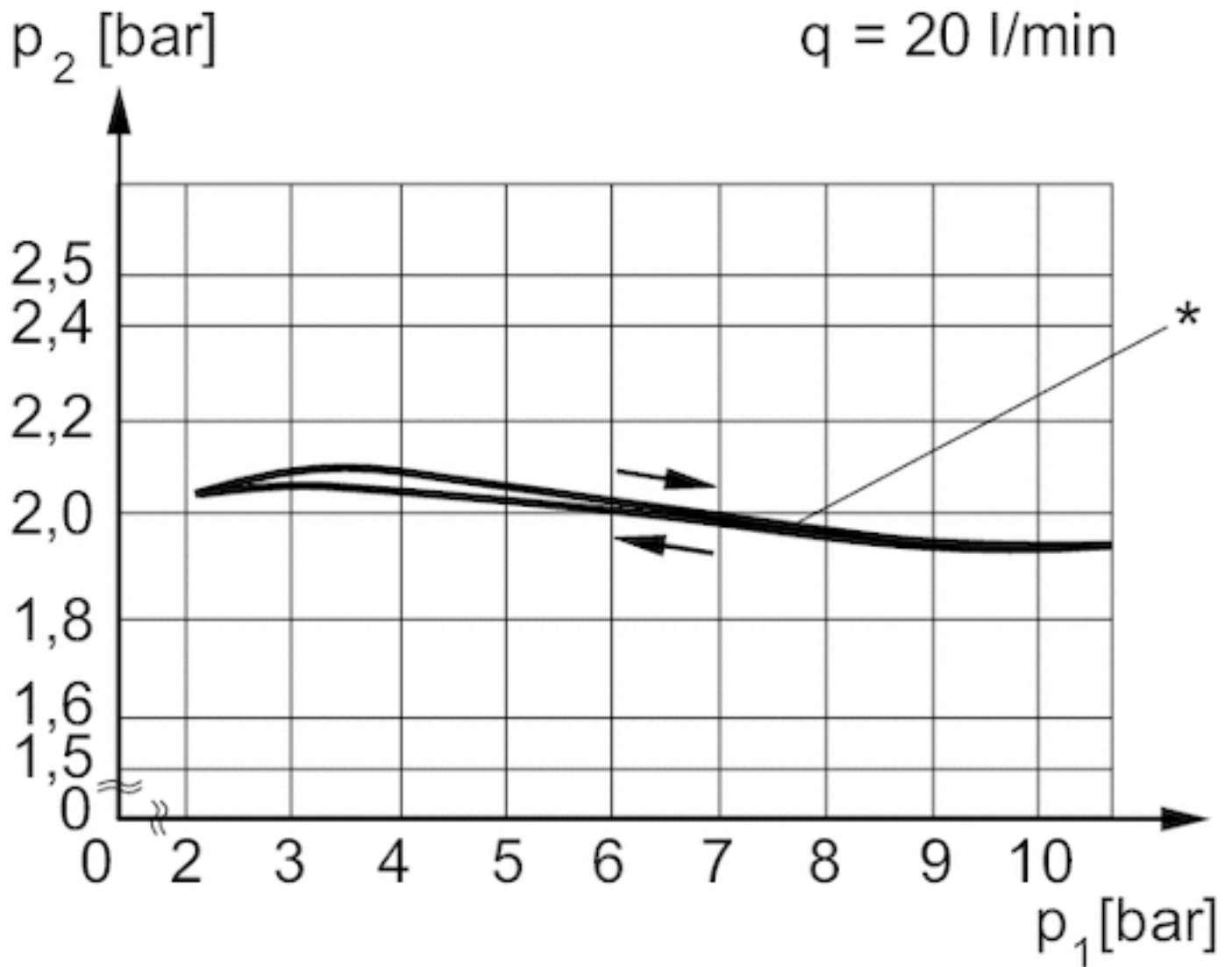


Dimensions

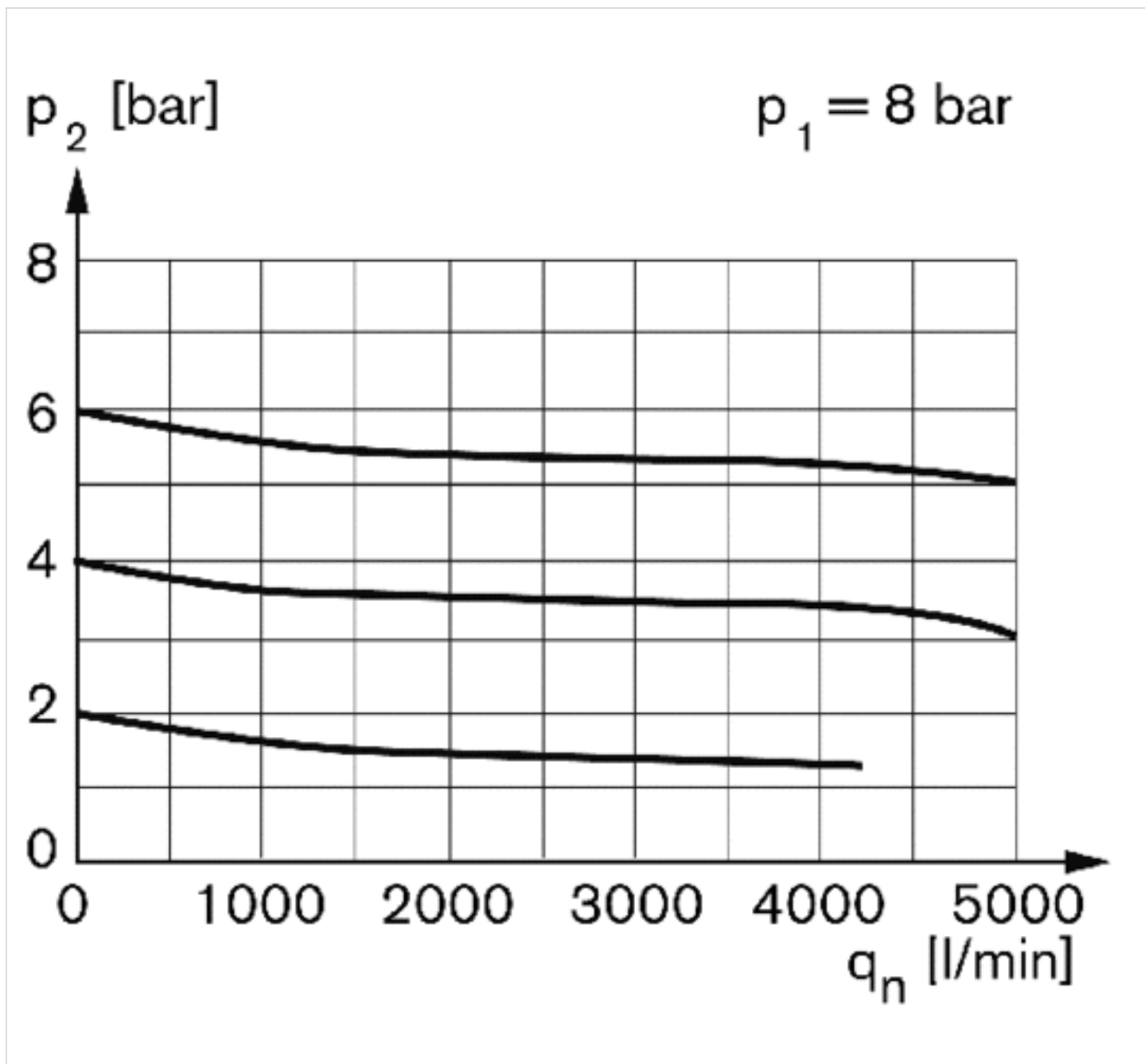
A1	A2	A4	B ±5	C ±5	D ±5	E ±7	F	G	J ±5	K	L	M	O	R	T2	T4	U	U2	V
G 1	G 1	G 1/4	90	131	31	162	124	M20x1,5	82	47	38	3	53.3	5.5	18	7	60.1	47.1	83

Diagrams

Pressure characteristics curve



p_1 = working pressure
 p_2 = secondary pressure
 q = flow rate
* starting point

Flow rate characteristic (secondary range p₂: 0.5 - 10 bar)

p₁ = Working pressure
p₂ = Secondary pressure
q_n = Nominal flow

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2020-12



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