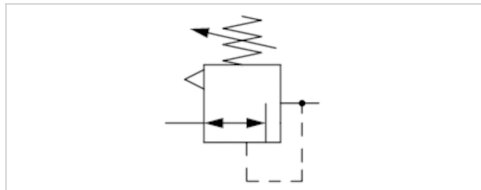


Pressure regulator, Series MU1-RGS

- G 1 1/4 G 1 1/2
- Qn = 15000 l/min
- Standard pressure regulator
- Activation Mechanical
- suitable for ATEX



Parts

Mounting orientation

Certificates

Working pressure min./max.

Ambient temperature min./max.

Medium temperature min./max.

Medium

Regulator type

Regulator function

Adjustment range min./max.

Pressure supply

Activation

Weight

Pressure regulator

Any

suitable for ATEX

0,5 ... 25 bar

-10 ... 60 °C

-10 ... 60 °C

Compressed air Neutral gases

Diaphragm-type pressure regulator

with relieving air exhaust

0,5 ... 10 bar

single

Mechanical

2,5 kg

Technical data

Part No.	Port	Flow
		Qn
R412006575	G 1 1/4	15000 l/min
R402000233	G 1 1/2	15000 l/min

Nominal flow Qn with secondary pressure p2 = 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: mounting bracket R412004873 or installation in piping

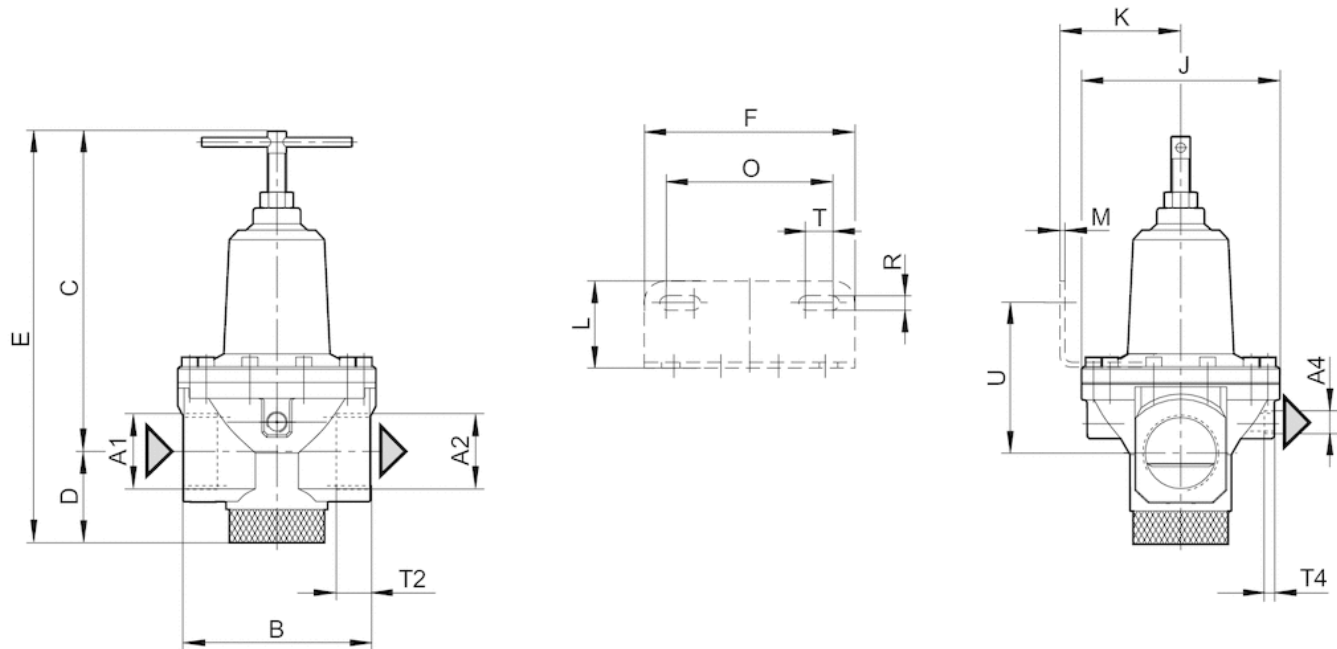
Suitable for use in Ex zones 1, 2, 21, 22

Technical information

Material	
Housing	Die-cast aluminum
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions

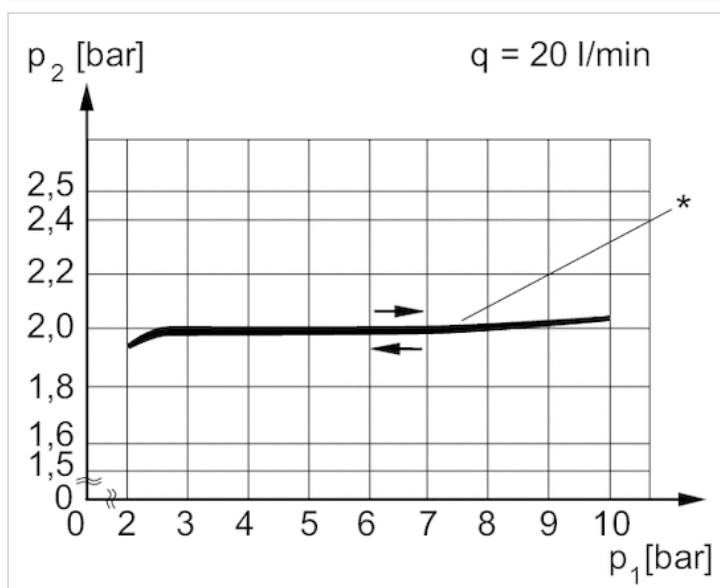


Dimensions

A1	A2	A4	B ±5	C ±5	D ±5	E ±7	F	J ±7	K	L	M	O	R	T	T2	T4	U
G 1 1/4	G 1 1/4	G 1/4	118.5	202.5	57.5	260	124	125	75	51	3	98	8.4	16	24	9	92.5
G 1 1/2	G 1 1/2	G 1/4	118.5	202.5	57.5	260	124	125	75	51	3	98	8.4	16	24	9	92.5

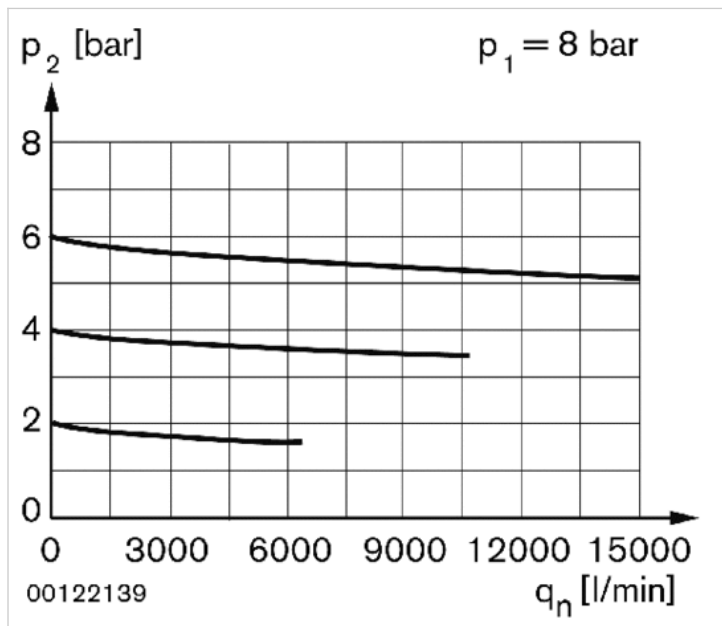
Diagrams

Pressure characteristics curve



p₁ = working pressure p₂ = secondary pressure q = flow rate

* starting point

Flow rate characteristic (secondary range p_2 : 0.5 - 10 bar)

p_1 = Working pressure p_2 = Secondary pressure q_n = Nominal flow