Preparation of compressed air → Maintenance units and components

Precision pressure regulator, Series AS2-RGP-...-E11

► G 1/4 ► Qn=2200 I/min ► Activation: mechanical ► lockable ► With E11 locking



Mounting orientation

Working pressure min./max.

Medium

Medium temperature min./max.

Any

-- / 16 bar

Compressed air

Medium temperature min./max.

-10°C / +50°C

Ambient temperature min./max.

-10°C / +50°C

Regulator type Diaphragm-type pressure regulator, Can be

assembled into blocks

Regulator function with relieving air exhaust

Pressure supply single
Max. Internal air consumption 2.6 l/min

Materials:

Housing Polyamide

Front plate Acrylonitrile butadiene styrene Seals Acrylonitrile Butadiene Rubber

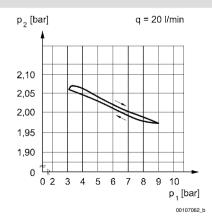
Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Recommended pre-filter: 5 μ m
- The E11 locking is delivered without a key.

Port	Qn	Adjustment range min max		Part No.
	[l/min]	[bar]	[kg]	
G 1/4	2200	0.2 - 4	0.248	R412006146

Nominal flow Qn at p1 = 6.3 bar and Δp = 1 bar Order pressure gauge separately

Pressure characteristics curve



p1 = Working pressurep2 = Secondary pressure

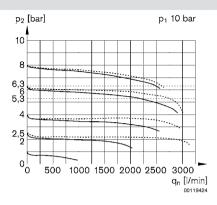
qn = Nominal flow

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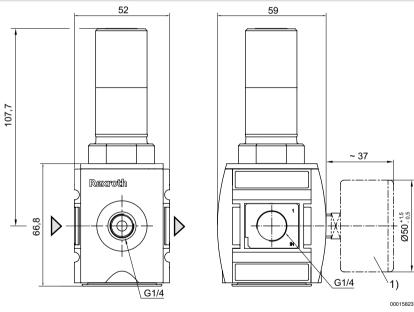
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Flow rate characteristic (p2: 0,5 - 8 bar)



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

Dimensions



1) Order pressure gauge separately