

Preparation of compressed air ► Maintenance units and components

Maintenance unit, 2-part, Series AS1-ACD

► G 1/4 ► Air supply: left ► filter porosity: 5 µm ► With integrated pressure gauge




00137267

Parts	Filter pressure regulator, Lubricator
Mounting orientation	vertical
Working pressure min./max.	1.5 bar / 12 bar
Medium	Compressed air Neutral gases
Medium temperature min./max.	-10°C / +50°C
Ambient temperature min./max.	-10°C / +50°C
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0.5 bar / 8 bar
Pressure supply	single
Filter reservoir volume	16 cm³
Filter element	exchangeable
Condensate drain	See table below
Lubricator reservoir volume	35 cm³
Type of filling	Manual oil filling
Oil type	HLP 32 (DIN 51 524 - ISO VG 32) HLP 68 (DIN 51 524 - ISO VG 68)
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Die cast zinc
Reservoir	Polycarbonate
Protective guard	Polyamide
Filter insert	Cellpor

Technical Remarks

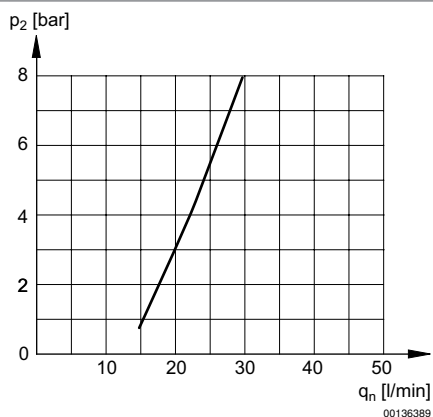
- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Oil dosing at 1000 l/min [drops/min]: 10-20
- solid impurities in the compressed air at the outlet as per ISO 8573-1: class 6

	Port	Qn	Condensate drain	Weight	Part No.
		[l/min]		[kg]	
	G 1/4	700	semi-automatic, open without pressure	0.504	R412014672
			fully automatic, open without pressure	0.522	R412014673
			fully automatic, closed without pressure	0.522	R412014674
Nominal flow Qn at p1 = 6.3 bar and Δp = 1 bar					

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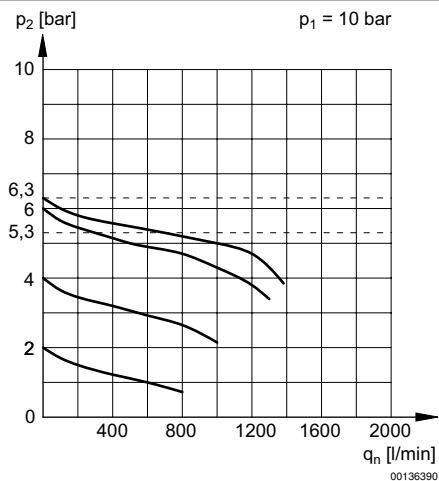
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Lubricator activation margin



p2 = secondary pressure
qn = nominal flow

Flow rate characteristic

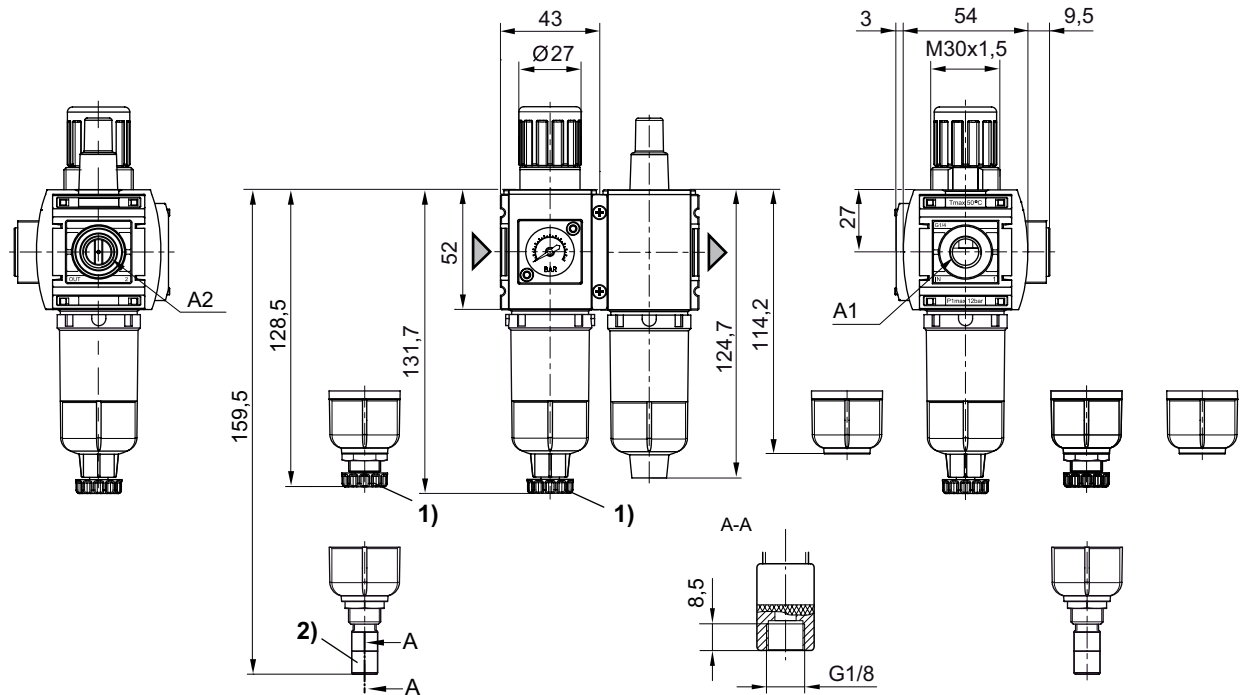


p1 = Working pressure
p2 = Secondary pressure
qn = Nominal flow

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Dimensions



A1 = input

A2 = output

1) Semi-automatic condensate drain

2) Fully automatic condensate drain

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