

XGP 2: Pneumatic control-pressure adjuster

Areas of application

Remote adjuster for setpoint adjustment of pneumatic controllers (e.g. Centair), plus manual control of small pneumatic control units.

Features

- Setting knob with interchangeable scales and 2 stops for limiting the setting range or locking the setting
- Suitable for fitting into panels or for recessed mounting
- Complies with directive 97/23/EC Art. 3.3 on pressure equipment

Technical description

- Supply pressure 1.3 bar $\pm$ 0.1

Type	Setting range bar	Setting span ¹⁾ bar	Scale ²⁾ °C	Weight kg
XGP 2 F001	0...1,2	–	5...35	0,029
XGP 2 F002	–	$\pm$ 0,1	$\pm$ 3,75	0,029

Supply pressure ³⁾	1,3 $\pm$ 0,1 bar	Permissible ambient temp	0...55 °C
Air capacity, air consumption		Connection diagram	A03462
with restrictor $\varnothing$ 0,14 mm	16 l _n /h	Dimension drawing	M297201
with restrictor $\varnothing$ 0,2 mm	33 l _n /h	Fitting instructions	MV 7320
Output pressure	0...1,2 bar		

Accessories

- 0303124 000*** Recessed junction box
0297212 000* Intermediate plate for fitting into recessed junction box
0296218 000* Buckle-proof connector-adaptor for push-on installation
0296990 000* Buckle-proof connector-adaptor for screw-type installation; MV 7322

*) Dimension drawing or wiring diagram are available under the same number

- 1) Zero point is variable between 0,2 and 1,0 bar; factory setting is 0,6 bar.
 2) F001: rear 0...120 °C. Included are: 20...90 %rh, % scale, gradation 5, gradation 6.
 F002: rear $\pm$ 8,75 %rh. Inscriptible scale is included.
 3) See Section 60 on regulations concerning the quality of supply air, especially at low ambient temperature.



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Operation

The output pressure rises when the adjuster knob is turned in a clockwise direction.

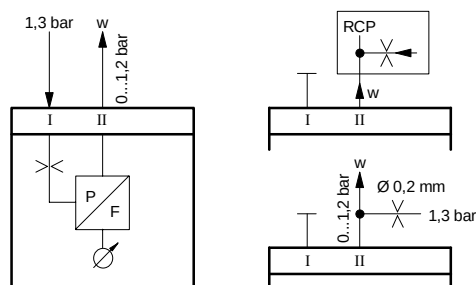
Single-tube connection

The transmitter is supplied with air via connector no. II through either an external restrictor ($\varnothing$ 0,2 mm) or the restrictor ($\varnothing$ 0,14 mm) in connector no. 6 in the *centair* controllers. Connector no. I remains closed off by the cap (included in delivery).

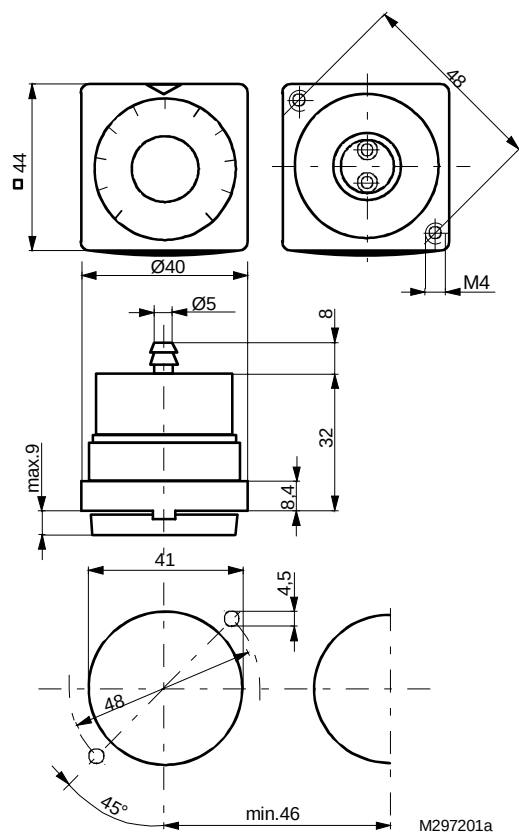
Double-tube connection

The transmitter is supplied with air via the integrated restrictor ($\varnothing$ 0,2 mm). Connector no. I is for supply pressure; no. II for output pressure.

Connection diagram

Double-tube
connectionSingle-tube
connection

Dimension drawing



Accessories

