

## XGP 2: Pneumatic control-pressure adjuster

For continuous remote operation of small valves, or for remote adjustment of the setpoint (e.g. *centair*). Not suitable for use where several adjustments are required throughout the day. Conforms to the regulations on pressure equipment (97/23/EG Art. 3.3).

Housing of thermoplastic; bleed-off force-balance system with integrated restrictor of  $\varnothing 0.14$  mm. Adjuster knob with exchangeable scales and two stops for limiting the setting range or locking the setting; push-on adaptor for soft plastic tubing (internal  $\varnothing 4$  mm). Suitable for mounting in panels or (recessed) in walls.



T03070



Y03461

Type	Setting range bar	Setting span <sup>1)</sup> bar	Scale <sup>2)</sup> °C	Weight kg
<b>XGP 2 F001</b>	0...1,2	–	5...35	0.029
<b>XGP 2 F002</b>	–	± 0.1	± 3.75	0.029
Supply pressure <sup>3)</sup>	1.3 ± 0.1 bar		Permissible ambient temp	0...55 °C
Air capacity, air consumption			Connection diagram	<a href="#">A03462</a>
with restrictor $\varnothing 0.14$ mm	16 l <sub>n</sub> /h		Dimension drawing	<a href="#">M297201</a>
with restrictor $\varnothing 0.2$ mm	33 l <sub>n</sub> /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 ± 8.75 %rh. Inscriptible scale is included.
- 3) See Section 60 on regulations concerning the quality of supply air, especially at low ambient temperature.

### Operation

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

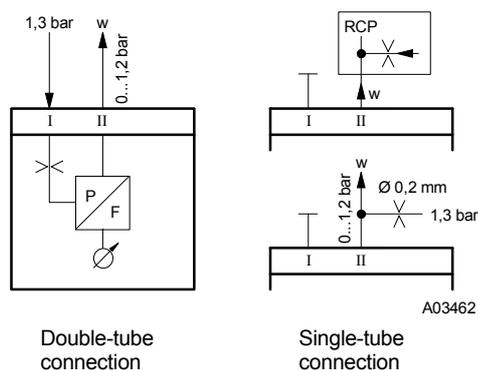
#### Single-tube connection

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.

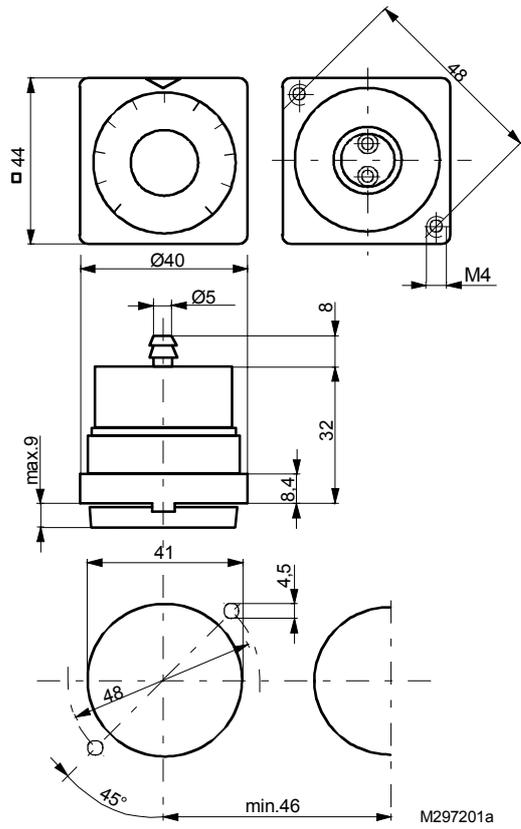
### Connection diagram



Double-tube connection

Single-tube connection

Dimension drawing



Accessories

