

XMP: Manometer for indicating measured values

Areas of application

Displaying measured values in pneumatic control equipment.

Features

- Part of the Centair family of systems
- Several versions for displaying different values and ranges
- Pressure gauges are suitable for incorporating into standard controllers in the RCP product range
- Accessories make it possible to build into various controllers or panels
- Removable Plexiglas cover for readjusting the pointer
- Connection via thread G 1/8" A or 2.3 mm Ø plug nipple
- Complies with directive 97/23/EC Art. 3.3 on pressure equipment

Technical description

- Pressure gauge in accuracy class 1.6



T03074



Y03334

Type	Scale range	Rough scale	Use	Weight kg
XMP 020/40 F001	-20...40 °C	0,2...1,0 bar	temperature	0,05
XMP 5/35T F001	5...35 °C	0,2...1,0 bar	temperature	0,05
XMP 0/120T F001	0...120 °C	0,2...1,0 bar	temperature	0,05
XMP 80/200 F001	80...200 °C	0,2...1,0 bar	temperature	0,05
XMP 20/90F F001	20...90 %rf	0,2...1,0 bar	rel. humidity	0,05
XMP 0/20AF F002	0...20 g/kg	0,2...1,0 bar	abs. humidity	0,05
XMP 0/5ND F001	0...5,0 mbar	0,2...1,0 bar	low pressure	0,05
XMP 5/10ND F001	5...10 mbar	0,2...1,0 bar	low pressure	0,05
XMP 0/100E F001	0...100%	0,2...1,0 bar	standard signal	0,05
XMP 0/16B F001	0...1,6 bar	—	output pressure	0,05
XMP 50/50P F001	-50...50 Pa ¹⁾	—	low pressure	0,05
Accuracy	Class 1,6	Permissible ambient temp.		0...55 °C
Max. operating pressure	1,4 bar	Dimension drawing		M297045
XMP 0/16B	1,6 bar			

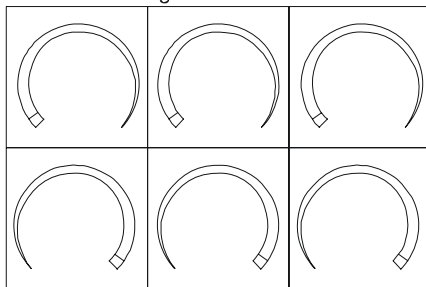
Accessories

- 0226561...565** Scales for indicating the position of the valve; block of 25 labels
- 0226569 000** Universal scales, gradation 120, 50/100, 30/60, 80/160, $\dot{V} = \sqrt{\Delta p}$, block of 25 labels
- 0226584 000** Scales for indicating the volume flow; block of 25 labels
- 0297044 000*** Accessories for panel fitting

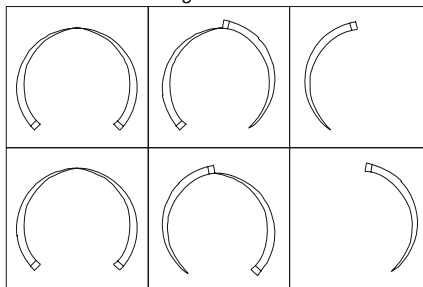
*) Dimension drawing or wiring diagram are available under the same number

1) Pressure gauge for RLP 100 F901/F915 room-pressure controller; indication of room press. Double scale: -20...+20/-50...+50 Pa = 0,2...1,0 bar. The range can be selected by ticking one of two boxes on the scale.

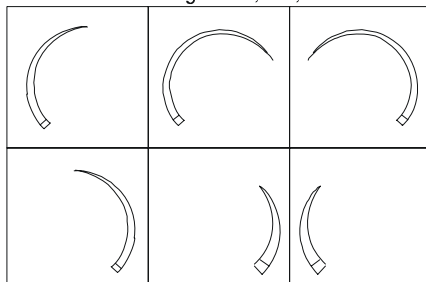
226561 Full range



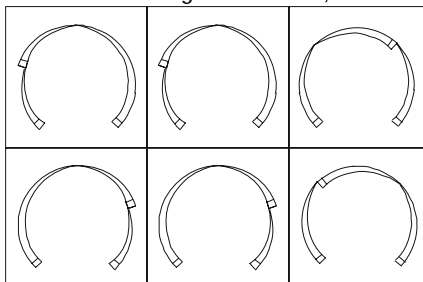
226562 Partial ranges 1/2-1/2 and 1/2



226564 Partial ranges 1/3, 1/2, 2/3

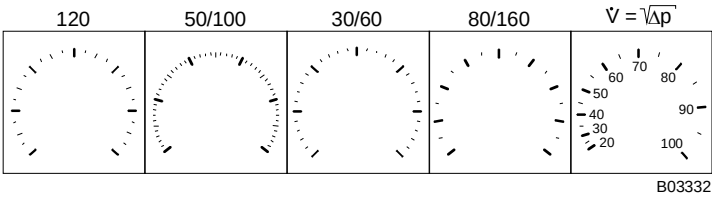


226565 Partial ranges 1/3-1/3-1/3, 1/4-1/4-1/2

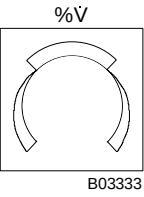


B03331b

226569 Universal scales for self-inscription



226584



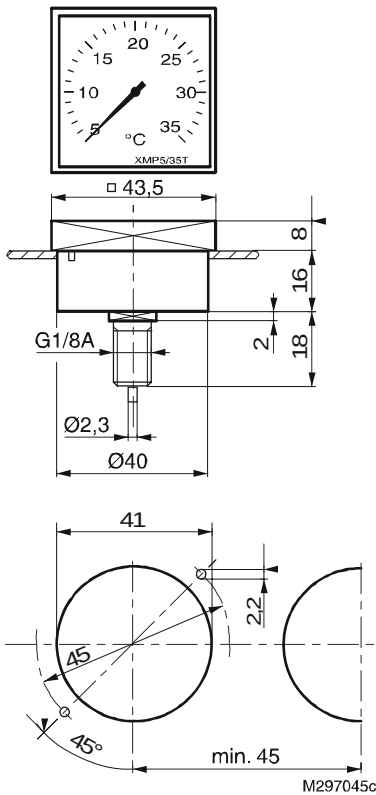
Operation

A Bourdon tube is pressurised, and the pressure is converted into a change of direction which is indicated by a pointer on the scale.

Technical information

Technical manual: *centair* system 0304991 003

Dimension drawing



Accessories

297044

