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 $\frac{1}{8}$" 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

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% rh	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			
XMP 0/16B	1,6 bar		Dimension drawing	M297045

Accessories
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.
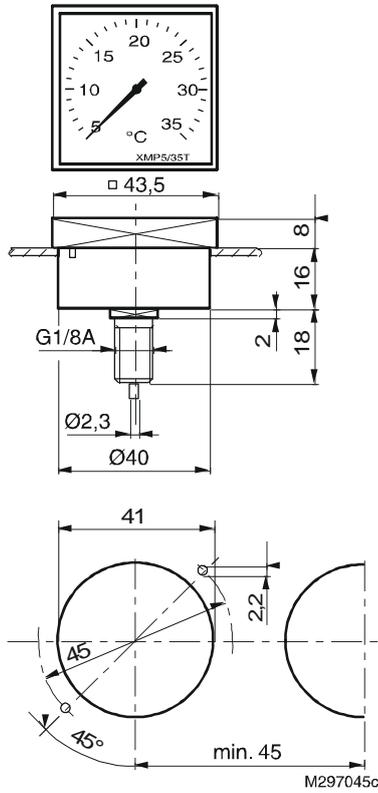
Operation

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

Sauter Components