

RWP 80: Reversing relay

Used as a relay for reversing the control action; also used for minimum and/or maximum limitation of pneumatic pressure signals. Conforms to the regulations on pressure equipment (97/23/EG Art. 3.3). Housing of thermoplastic; front plate with zero adjuster, embossed with connection diagram and description of operation. Suitable for mounting on walls or rails (as per C EN 50024, EN 50022; see *Accessories*). Compressed-air connection Rp 1/8 female thread; measuring connections M4.

Type	Description	Air output	Air consumption	Weight kg
RWP 80 F001	reversal of control action	400 l _n /h	33 l _n /h	0.15
Supply pressure ¹⁾	1.3 bar ± 0.1	Permissible amb. temp.		0...55 °C
Input pressure	0...1.4 bar	Connection diagram		A02891
Output pressure	0...1.4 bar	Dimension drawing		M297107
		Fitting instructions		MV 3251

Accessories

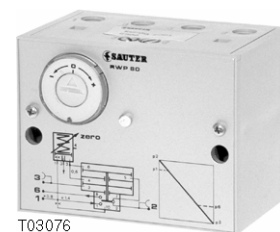
0296936 000* Fixing bracket for rail EN 50022, 35 × 7.5 and 35 × 15

0297113 000* Manometer bracket for fitting two XMP manometers; includes kit; MV 3255

0297091 000* Cover for spare apertures (for manometers), when 0297113 is used

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

¹⁾ See Section 60 on regulations concerning the quality of supply air, especially at low ambient temperatures.



T03076



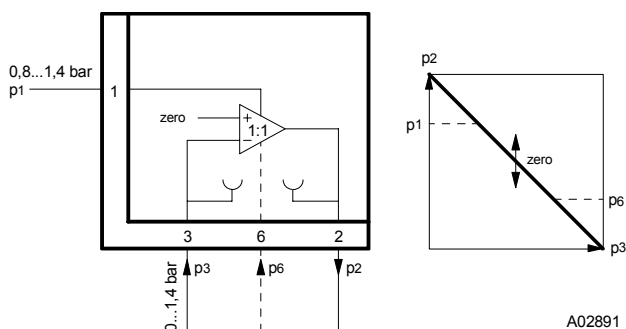
Y07576

Operation

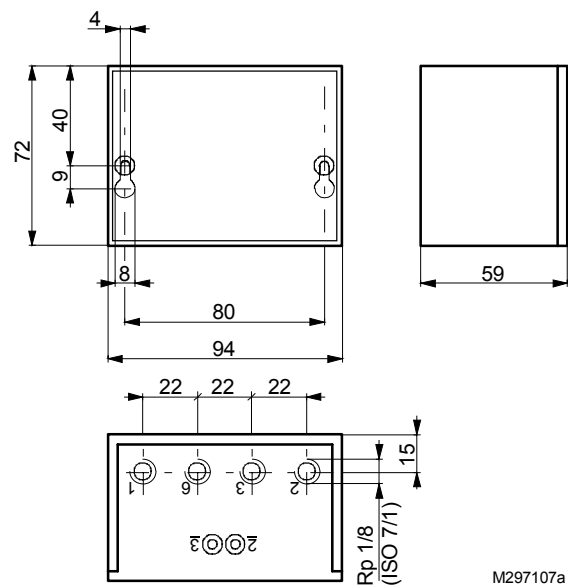
When the input pressure is rising, the output pressure falls; conversely, falling input pressure produces rising output pressure. Variable pressures can also be applied to connections 1 and 6; this provides limitation of the output pressure.

Connection 1 is for maximum limitation (0.8 to 1.4 bar) and/or connection 6 is for minimum limitation (0 to 1.4 bar). The output pressure is then prevented from ever exceeding the pressure at connection 1, and will never be lower than the pressure at connection 6.

Connection diagram



Dimension drawing



Accessories

