

RAP 80 F002, F003: Selector relay

Areas of application

Selection of minimum or maximum of up to four pneumatic input signals for setting up pneumatic control systems.

Features

- Minimum selection relay
- Maximum selection relay
- Forwarding of lowest or highest of up to four standard signals as a control pressure output signal
- Controller front panel is printed with circuit diagram for rapid identification of function
- Thermoplastic housing suitable for wall or top-hat rail mounting
- Compressed air connections with Rp 1/8" female thread
- Complies with directive 97/23/EC Art. 3.3 on pressure equipment

Technical description

- Supply air pressure 1.3 bar \pm 0.1
- Switching difference 0.04 bar



T03083

min
max

Y03181

Type	Description	Air output	Air consumption	Weight kg
RAP 80 F002	minimum selection	400 l _r /h	6 l _r /h	0,15
RAP 80 F003	maximum selection	400 l _r /h	2 l _r /h	0,15

Supply pressure ¹⁾	1,3 bar \pm 0,1	Connection diagram	F002	A02896
Input pressure	0...1,4 bar		F003	A02897
Output pressure	0...1,4 bar	Dimension drawing		M297240
Permissible ambient temp.	0...55 °C	Fitting instructions		MV 505098

Accessories

0296936 000* Fixing bracket for rail EN 60715 35 × 7,5 and 35 × 15

^{*)} 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

Operation

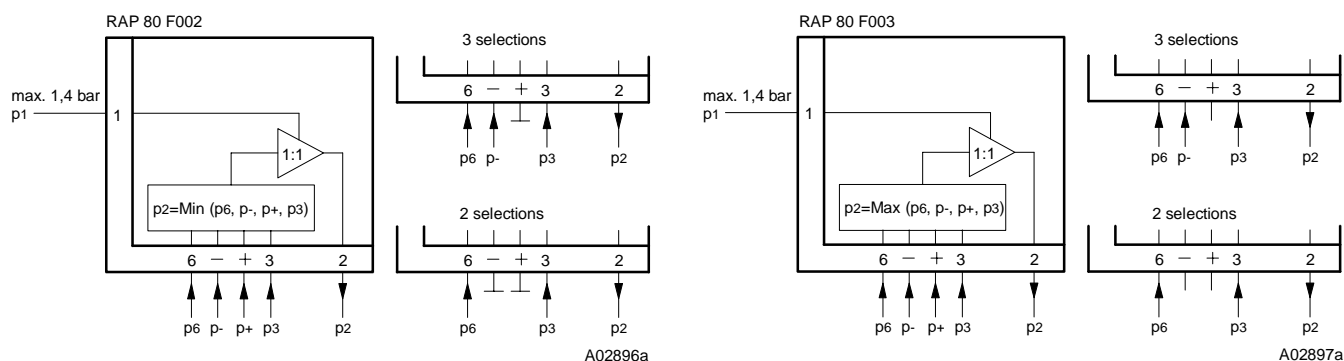
Type F002

The smallest of up to four pressure signals is transmitted. If only 2 or 3 pressures are used, then the spare connections must be blocked off.

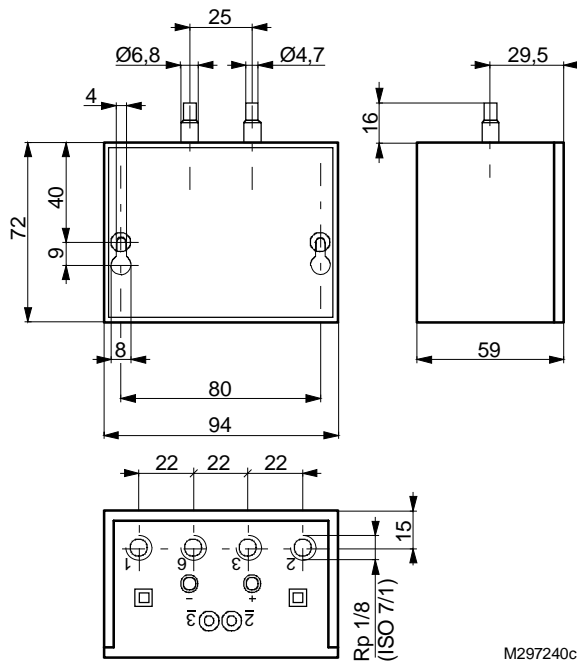
Type F003

The largest of up to four pressure signals is transmitted. If only 2 or 3 pressures are used, then the spare connections must be left open.

Connection diagrams



Dimension drawing



Accessories

