

- Damper positioning
- Manual setting of power controllers EFR, EFM
- Scale range 0-100%
- Wall mounting
- Modern design
- Power supply from EFR, EFM or separate 24V AC/DC power supply

Application

EFRP is used as an external potentiometer for power controllers type EFR and EFM (see *catalogue 6*) for manual setting of output, or as an independent 0-10V or 10-0V potentiometer for manual positioning of damper or motor valve.

Product programme

Type	Product	EAN-No.
EFRP-900	Potentiometer for manual setting 0-100%	5703502540986

Function

EFRP has a scale range of 0-100% corresponding to an output signal of 0-10V DC. The output signal can be changed to 10-0V DC, see "Control signal".

Technical data

Supply voltage 14-24V DC or 24V AC $\pm 10\%$
 Scale range 0-100%
 DC output max. 2 mA, 0-10V DC
 Ambient temperature $-10^{\circ}\text{C}/+50^{\circ}\text{C}$
 Dimensions L/84 x W/84 x D/27 mm
 Housing IP 30

Supply

EFRP is supplied with power voltage from power controllers type EFR or EFM, or from separate 24V AC supply.

Control signal

The control signal is connected to the 0-10V DC terminals on the power controller type EFR or EFM or damper/valve motor.

If a 10-0V control signal to damper/valve motor is desired, the jumpers SW1, SW2 are set as shown. See *connection/electrical diagram*.

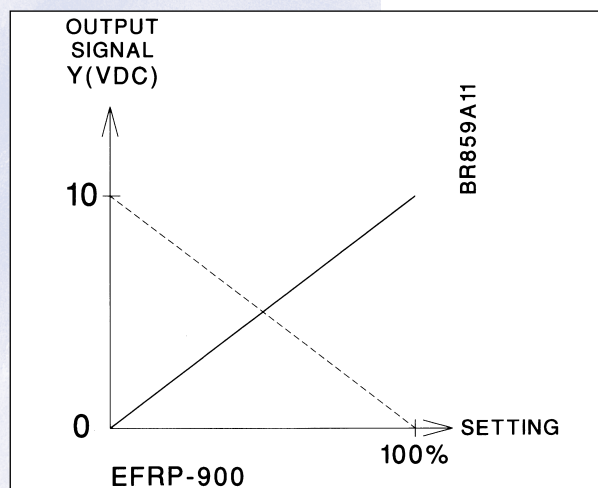
Mounting

Mounting on wall or over wall socket.



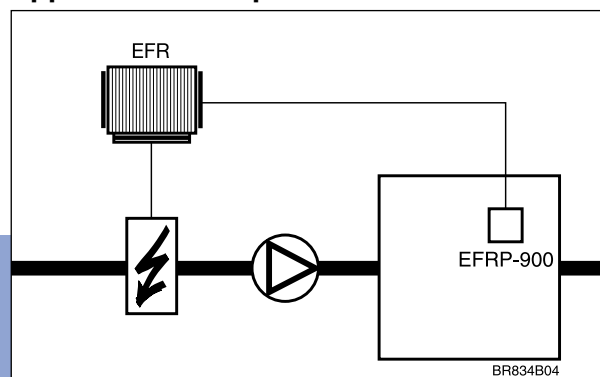
EFRP-900

Function diagram

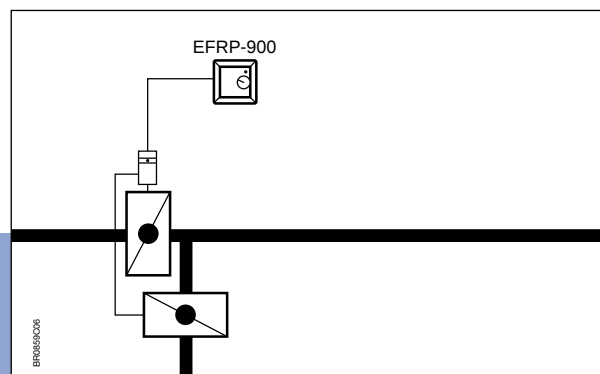




Application examples

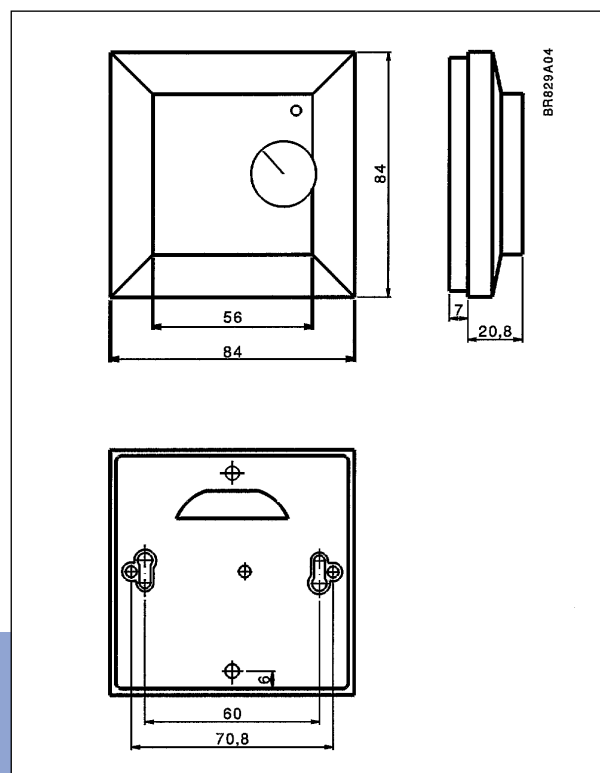


Modulated adjustment of required output (0-100%)

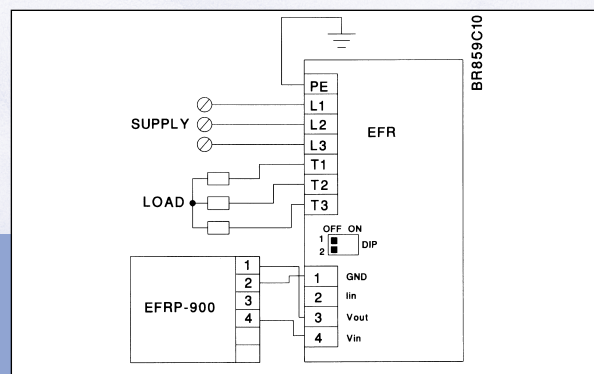
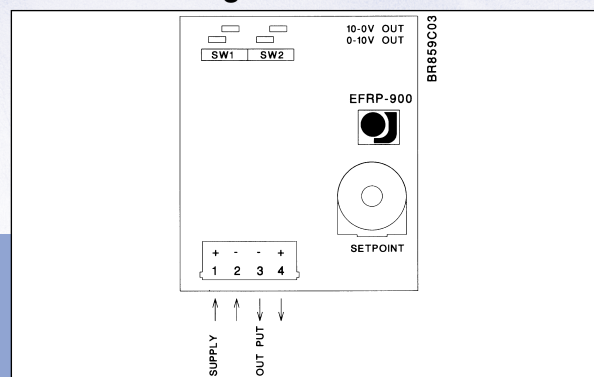


Positioning of damper opening (0-100%)

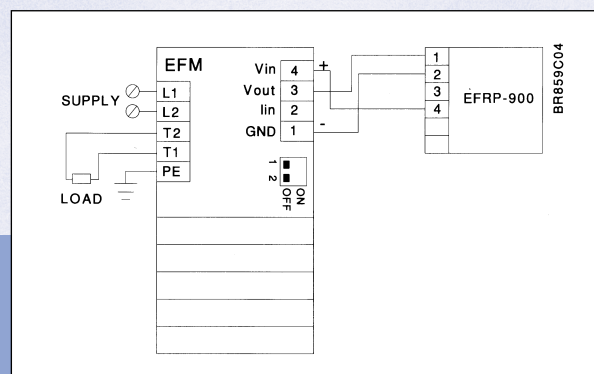
Dimensions



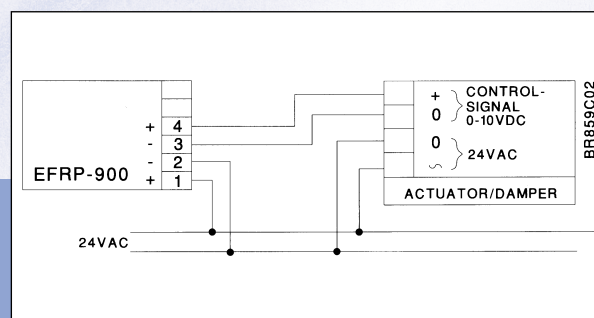
Connection diagrams



Potentiometer EFRP-900 power supplied from EFR.



Potentiometer EFRP-900 power supplied from EFM.



Potentiometer EFRP-900 connected to actuator/damper (remote power supply).

Subject to alterations