OJ ELECTRONICS
KNOW-HOW CREATES

HVAC
CONTROLS & POWER

FLOOR HEATING
ELECTRIC

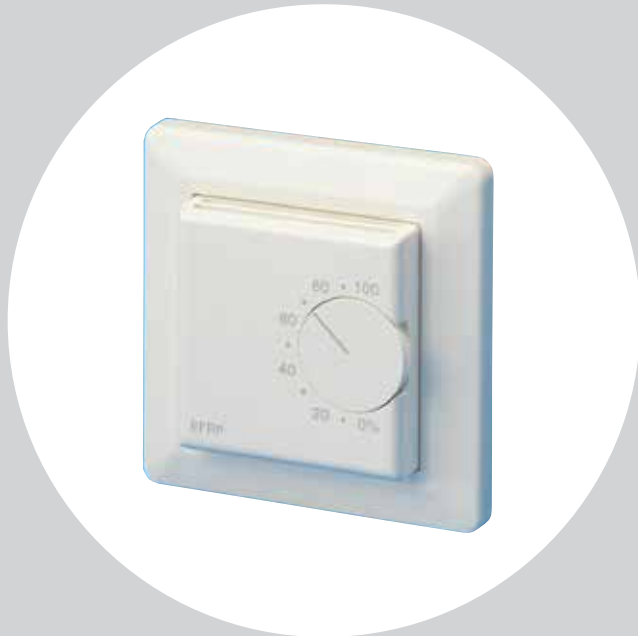**FLOOR HEATING**
HYDRONIC

Stylish Remote Controller

EFRP-900

- Potentiometer

EFRP-900 is a potentiometer for the remote control of temperature set-points, damper position, etc.

EFRP-900 is designed to fit several European frame systems and is supplied as standard with an ELKO frame. Settings can thus be remotely controlled without unsightly installations.

The clearly visible 0-100% scale makes it easy for users to find the correct setting, and the basic setting is not affected.

EFRP-900 is designed to provide our customers with an advantageous combination of high quality, modern design and low life-cycle costs.

EFRP-900 FUNCTION

Wall-mounted Potentiometer
Thanks to its stylish design, the EFRP-900 blends in well in any office environment. The enclosure matches most commonly-used European installation materials.
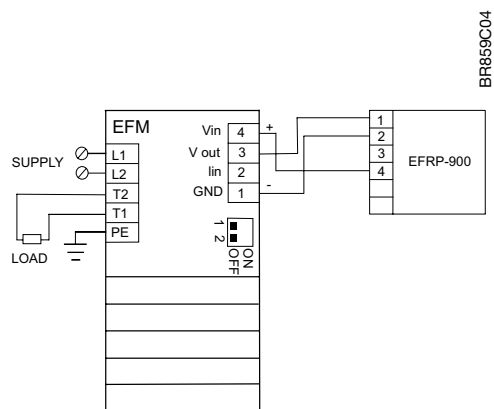
Clear Settings
The dial is easily turned and the scale is clearly visible, making the EFRP-99 an extremely user-friendly product.

Adapted to Standard Power Controllers
EFRP-900 is part of the OJ Electronics range of power controllers for the remote setting of a desired output.
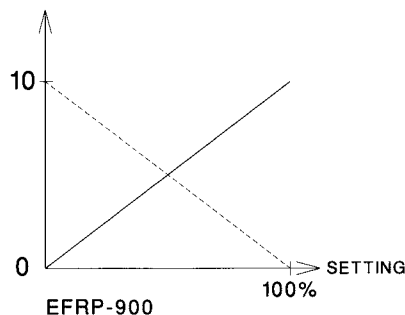
Inverted Function
By repositioning jumpers inside the EFRP-900, the 0-10V DC output can be changed to 10-0V DC. This may be useful for controlling a damper or valve that is normally open.
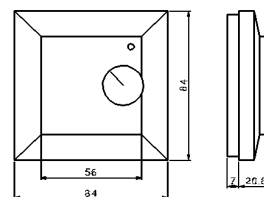
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BR859C04

Wiring

BR859A11

OUTPUT
SIGNAL
Y(VDC)

10
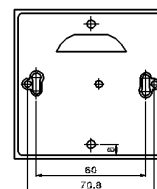
0

SETTING
100%

EFRP-900

Function diagram

BR829A04

Dimensions

INSTALLATION

Physical Installation
EFRP-900 is mounted on a wall or on the door of an electrical cabinet in a standard office environment. It is secured to the underlying surface by two screws through the backplate.

Control Signal Cable Installation
The control signal cable to the external controller may be up to 50 m in length. It must be kept separate from mains-carrying cables as voltages may be produced that can damage the controller.

The control signal cable need not be screened, but the use of screened cable increases controller resistance to interference. The screen must be connected direct to an earth terminal.

TECHNICAL DATA

Supply voltage	14-24V DC or 24V AC ± 10%, 50/60Hz
Scale signal	0-100%
Outputs	0-10V DC, max. 2mA
Ambient temperature	-10/+50°C
Dimensions (W/D/H)	84 x 27.8 x 84 mm
Enclosure	IP30
Weight	86 g

CE marking
EFRP-900 meets the requirements contained in the following standards:
EMC Directive
EN 50081-1
EN 50082-2

PRODUCT PROGRAMME

TYPE	PRODUCT
EFRP-900	Wall-mounted potentiometer (0-100%)