Product data sheet 46.791

# **EXG: Active potentiometer**

## Improving energy efficiency

Simple user interface for individual adjustment of the setpoint, with the option to define a maximum and/or minimum limitation for the setpoint.

#### **Features**

- · Remote adjustment of setpoints, or in connection with a positioner for the remote adjustment of actuators
- · Easy to operate using rotary knob
- · Two variable stops for limiting/locking
- · Exchangeable scales with different ranges and for different physical values
- Electrical connection via plug-in unit (for wire of up to 2.5 mm²)

#### **Technical data**

recillical u	aıa		
Power supply			
		Power supply	24 V~ / +15% / -20%, 5060 Hz
		Power consumption	0.5 VA
Inputs/Outputs			
		Output	010 V
		Current load	Max. 3 mA
Ambient condition	ons		
		Admissible ambient temperature	040 °C
Construction			
		Weight	0.25 kg
		Housing material	Fire-retardant thermoplastic
		Housing	Light grey (RAL 7035)
		Fitting	In panels
Standards and o	directives		
		Type of protection	IP 52 (EN 60529, front) IP 00 (EN 60529, inside switch panel
CE conformity according to		EMC directive 2004/108/EC	EN 61000-6-1, EN 61000-6-3, EN61000-6-4
Overview of ty	pes		
Туре	Properties		
EXG100F001	Active potentiometer		
Accessories			

### **Description of operation**

Description

The EXG active potentiometer is for the external setpoints for control equipment. The desired setpoint is set on the device, and the output signal is supplied as voltage 0...10 V.

9 scales: 0...40/100/130/250 °C; 100%; 100% rh; -35...35 °C; ±4 °C; ±8% rh

#### Intended use

Type

0312949000

This product is only suitable for the purpose intended by the manufacturer, as described in the "Description of operation" section.

All related product documents must also be adhered to. Changing or converting the product is not admissible.

#### **Disposal**

When disposing of the product, observe the currently applicable local laws.

More information on materials can be found in the Declaration on materials and the environment for this product.



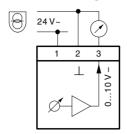
### EXG100F001



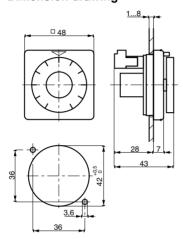


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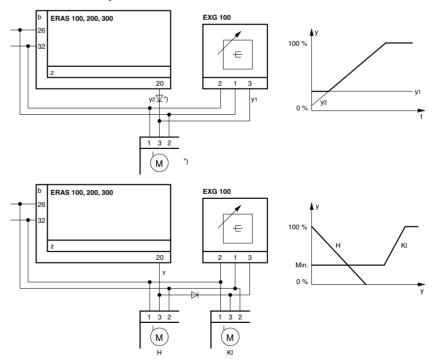
## **Connection diagram**



## **Dimension drawing**



## **Connection examples**



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