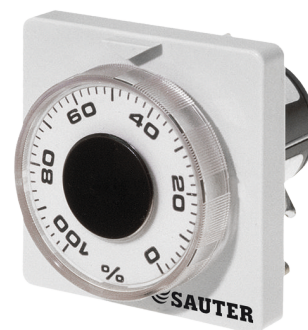# XPES: Setpoint potentiometer

Improving energy efficiency

Easy to operate analogue user interface for the individual adjustment of the setpoint of the system

Features

- Remote adjustment of the setpoint in electronic and electromechanical control facilities
- Easy to operate using rotary knob
- Two variable stops for limiting/locking
- Exchangeable scales with different ranges and for different physical values
- Neutral scales with fixed divisions or for self-inscribing

XPESF001

Technical data

Parameters		
	Resistance value	2000 Ω
	Loading capacity	2 W
	Replaceable scales	0...40 °C, -20...40 °C
		0...100 °C, 30...180 °C
		0...100%, 20...80%
		0...100% rh, 35...85% rh
		0...20 g/kg, 2...22 g/kg
		0...1 mA, -10...25 °C$_{TP}$
		0...10 kJ/kg

Ambient conditions		
	Admissible ambient temperature	0...55 °C

Construction		
	Weight	0.05 kg
	Housing material	Fire-retardant thermoplastic
	Housing	Light grey (RAL 7035)
	Fitting	In panels

Standards and directives		
	Type of protection for housing	IP 00 (EN60529)
	Type of protection for cover frame	IP 52 (EN60529)
Conforms to	EMC directive 2004/108/EC	EN 61000-6-1, EN 61000-6-3
		EN 61000-6-4

Overview of types	
Type	Properties
XPESF001	Setpoint potentiometer

Accessories	
Type	Description
0368433000	4 neutral scales with 5/10, 6/12/60, 8/40 and 15/30 divisions; for self-inscribing

Description of operation

The XPES potentiometer is for the external setpoints for control equipment. A 2000 Ω potentiometer is used as the adjusting element, and the two end stops of the correcting range can be adjusted easily.

The potentiometers are fitted in the doors of cabinets. Replaceable scales enable them to be used for a range of applications.

Intended use

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.
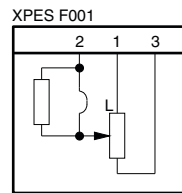
Disposal

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.

Connection diagram

XPES F001

Dimension drawing

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