Product description

APR 40405 – Valve actuator 0-10 V (NC)

Introduction APR 40405

Valve actuator APR4045 is intended for modulating operation of valves. The actuator is mounted with the aid of an adapter ring that enables problem-free installation of the various adjustment and mixing valves that are available on the market.

Function

The 0-10 VDC control signal is pulsed to a proportional 0-4 mm movement (stroke length). The actuator only reacts to control signals over 1 VDC so as to ignore any interference and hum voltage.

The valve actuator is equipped with function indication. The projecting extension on the top shows how much the actuator is activated (open).

Radiator valve APR40405 is **normally closed** when the power is off.

Adapter rings

See the product description for adapter rings for a list of a selection of adapter rings for valves in normal use. VA32, VA54, VA78 and VA80 can normally be ordered from Lindinvent.

Technical specifications

General

Control signal
0-10 VDC

Actuator position with loss of power
Closed (NC)

Dimension
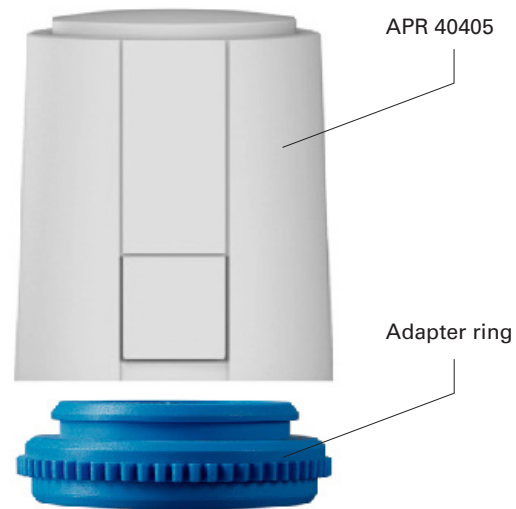62 x 44 x 51+7 mm (LxWxH)

Weight
111 g with connection cable

Material
Polyamide encapsulation
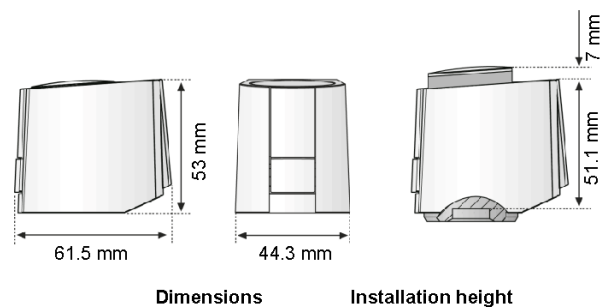
Colour
White (RAL 9003)

IP class
Encapsulation complies with IP54

Connection cable
1000 mm, 3x0,22 mm²

Ambient temperature
Max 60°C

APR 40405

Adapter ring

Valve actuator APR 40405 and adapter ring.

53 mm

61.5 mm

44.3 mm

7 mm

51.1 mm

Dimensions   **Installation height**

Electrical system

Supply voltage
24 VAC

Output (in operation)
1.0 W

Power consumption (when switching on)
Max 320 mA

Input resistance
100kΩ

Control

Closing/opening time
3 min

Stroke length
4 mm

Operative force
100 N

Product description

APR 40405 – Valve actuator 0-10 V (NC)

Additional product documentation APR 40405

Table 1: Additional documentation for APR 40405 can be obtained via links on the product's website under Products at www.lindinvent.se

Document	Available	Not available	Comments
Installation Instruction	⚫		
Start-up instruction		⚫	Not applicable
Maintenance instruction		⚫	Regarded as maintenance-free
External connection diagram	⚫		
Environmental product declaration	⚫		Assessed by Byggvarubedömningen and Sundahus
User information		⚫	Not applicable
Modbus list		⚫	Not applicable
AMA text		⚫	

Product documentation for APR 40405 can be downloaded via www.lindinvent.se/ products/

Contact

www.lindinvent.se
Tel: 046–15 85 50

Lindinvent – Smarter indoor climate. Greener buildings.

The company offers products and systems for controlling ventilation, lighting, solar shading and local utilization. Equipment and climate solutions are being developed for offices, schools, hospitals, laboratories and similar environments. Lindinvent's systems work together for the best comfort and energy use.