



# ARI Control valve two way Type 2832 series 22.448 cast ductile iron electric flange

#### **Characteristics**

**Series:** 22.448 **Type:** 2832

**Housing material:** Ductile cast iron **Material quality:** EN-JS1049

**Connection:** Flange

Standard connection: EN 1092-1/02 Ground characteristic: Equal percentage

**Plug:** Parabolic cone **Control range:** 50:1

Leakage class: IV EN60534-4 Material bonnet: 1.0619+N Material cone: 1.4021 Seat material: 1.4021 Spindle material: 1.4021

Secondary spindle seal material: PTFE Bonnet gasket material: Graphite Surface protection: Paint min. 30  $\mu m$ 

**Type of actuator:** Electrical **Zero-pressure return flow:** None

Control signal: Three-point / 0 - 10 V / 4-20 mA

With feedback signal: No

Level of protection (IP value): IP65

With end contacts: No Position indicator: Yes Manual operation: Yes

Medium temperature: -10 / 220  $^{\circ}$ C Ambient temperature: -20 / 70  $^{\circ}$ C

## **Application**

- Water.
- Steam.
- Coolant.

• Neutral liquids and gasses.

#### **Technical Information**

- Compact and variable design.
- Robust cone guiding.
- 360° Rotatable actuator.
- Quick coupling between valve and actuator.
- Large and accurate control range due to control ration of 50:1.
- Various Kvs-values.
- Low leakage rate due to conical valve seal.
- Equal percentage control characteristic.
- Electrical Premio-Plus® actuator.
- Integrated digital valve positioner.
- Equipped with emergency manual operation.

### Maximum electrical power input:

- 21 VA Premio-plus 2,2.
- 65 VA Premio-plus 5, Premio-plus 12, Premio-plus

## **Options**

- With a stainless steel spindle bellow suited for thermic oils and volatile gases.
- Various sealing variants.

various sealing variants.

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.



advice.
- PR3466429582931776\_EN\_24.04.2024