# **ECON® Switchbox Type: 79651 Aluminium**



#### **Characteristics**

**Type:** 79651

**Execution:** Switchbox **Explosion-proof:** No With console: Yes Console height: 30 mm

Standard actuator connection: NAMUR (VDI/VDE

Distance of mounting holes: 80x30 mm

Length drive shaft: 17 mm

With mechanical setting indicator: Yes Surface protection: Powder coating Material shaft: Stainless steel

O-ring material: NBR

Material konsole: Stainless steel 304 Ambient temperature: -20 / 80 °C



### **Application**

- Feedback of the opening and closing position for manually, pneumatically and hydraulically operated ball valves, butterfly valves and plug valves.
- Industrial and maritime applications.

# **Technical Information**

- For mounting on actuators with VDI/VDE 3845 connection.
- IP67 aluminium housing.
- With stainless steel mounting plate (80mm x 30mm x 30mm (LxWxH)) as standard, other dimensions available on request.
- Fitted with two mechanical switches or two inductive sensors.
- Suitable for ambient temperatures from -20°C to +80°C.

## **Options**

- Weatherproof IP68-aluminium housing.
- Optical position display for three-way valves with Lor T-bore.
- Assembly set for use with manually operated (by lever or worm gearbox) ball valves, butterfly valves and plug valves.

| <>A><  | >B><  | >C><   | >D><  | >ISO5211> |
|--------|-------|--------|-------|-----------|
| <>mm>< | >mm>< | >mm><  | >mm>  |           |
| <>88>< | >93>< | >112>< | >17>< | >F05>     |

**Temperature** 

|                  | <>-20 tot +80 °C>       |                       |                    |                   |                   |                       |                                |                     |                     |                     |  |  |
|------------------|-------------------------|-----------------------|--------------------|-------------------|-------------------|-----------------------|--------------------------------|---------------------|---------------------|---------------------|--|--|
| Switch<br>model  | Type of switch          | Switching<br>function | Number of switches | Supply<br>voltage | Off-state curent  | Electrical connection | Level of protection (IP value) | Solenoid connection | Material<br>housing | Article             |  |  |
| Mechanical<br>V3 | Mechanical              |                       | 2                  | 250 V AC 16A      |                   | 2x M20x1,5            | IP67                           | Yes                 | Aluminium           | EC796510000-<br>AMS |  |  |
| NBB2-V3-E2       | Inductive 3-<br>wire NO | Normally open (NO)    | 2                  | 10 - 30 V DC      |                   | 2x M20x1,5            | IP67                           | Yes                 | Aluminium           | EC79651000APS3      |  |  |
| NBB2-V3-Z4L      | Inductive 2-<br>wire NO | Normally open (NO)    | 2                  | 3,7 - 30 V DC     | Maximum 0.2<br>mA | 2x M20x1,5            | IP67                           | Yes                 | Aluminium           | EC79651000APS2      |  |  |
| NBB3-V3-Z4       | Inductive 2-<br>wire NO | Normally open (NO)    | 2                  | 5 - 60 V DC       |                   | 2x M20x1,5            | IP67                           | Yes                 | Aluminium           | EC79651000APS4      |  |  |

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