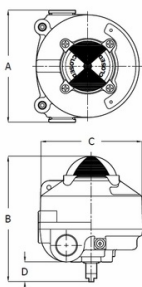


## ECON® Switchbox Type: 79653 Aluminium Explosion-proof



### Characteristics

- Type:** 79653  
**Execution:** Switchbox  
**Explosion-proof:** Yes  
**With console:** Yes  
**Console height:** 30 mm  
**Standard actuator connection:** NAMUR [VDI/VDE 3845]  
**Distance of mounting holes:** 80x30 mm  
**Length drive shaft:** 17 mm  
**With mechanical setting indicator:** Yes  
**Material housing:** Aluminium  
**Surface protection:** Powder coating  
**Material shaft:** Stainless steel  
**O-ring material:** NBR  
**Material konsole:** Stainless steel 304  
**Ambient temperature:** -20 / 60 °C

### Application

- Feedback of the opening and closing position of manually, pneumatic and hydraulic controlled ball valves, butterfly valves and plug valves.
- Industrial and maritime applications.
- Applications in potentially explosive atmospheres.

### Technical Information

- For mounting on actuators with VDI/VDE 3845 connection.
- Aluminum housing IP-67.
- Standard including stainless steel mounting bracket [80 mm x 30 mm x 30 mm (l x w x h)], other dimensions on request [available].
- Optical position indicator [open – closed].
- Equipped with mechanical switches, inductive sensors or REED contacts.
- Suitable for ambient temperatures from -20 °C to +60 °C.
- ATEX versions [Exia-Exd].
- Leakage current, if specified, is the power supply required to operate the switch.

### Options

- Optical position indicator for three-way valves with L- or T-bore.
- Mounting kit for the use of manually operated [handle or gearbox] ball valves, butterfly valves or plug valves.

A	B	C	D	ISO5211
mm	mm	mm	mm	
118	139	118	17	F05

### Temperature

-20 tot +60 °C

Switch model	Type of switch	Switching function	Number of switches	Supply voltage	Off-state current	Ex-class	Electrical connection	Level of protection [IP value]	Solenoid connection	Article
Mechanical V3	Mechanical		2	250 V AC 16A		II 2G Ex d IIC T6 Gb, II 2D Ex tb III C T85 °C Db	2x M20x1,5	IP67	Yes	12940914
NBB2-V3-E2	Inductive 3-wire NO	Normally open [NO]	2	10 - 30 V DC		II 2G Ex d IIC T6 Gb, II 2D Ex tb III C T85 °C Db	2x M20x1,5	IP67	Yes	EC796530APS-3XD
NBB2-V3-Z4L	Inductive 2-wire NO	Normally open [NO]	2	3,7 - 30 V DC	Maximum 0.2 mA	II 2G Ex d IIC T6 Gb, II 2D Ex tb III C T85 °C Db	2x M20x1,5	IP67	Yes	13280261

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Switch model	Type of switch	Switching function	Number of switches	Supply voltage	Off-state current	Ex-class	Electrical connection	Level of protection (IP value)	Solenoid connection	Article
NJ2-V3-N	Inductive		2			II 2 G Ex d IIC T6 Gb / II 2 G Ex ia IIC T6 Gb / II 2 D Ex tb IIC T85°C dB	2x M20x1,5	IP67	Yes	12940915
Reedcontact	Mechanical		2			II 2G Ex d IIC T6 Gb, II 2D Ex tb IIC T85 °C Db	2x M20x1,5	IP67	Yes	EC7965300A-RSXD

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