ECON® Switchbox Type: 79653 Aluminium Explosion-proof







Type: 79653

Execution: Switchbox Explosion-proof: Yes 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

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.

Α	В	С	D	ISO5211
mm	mm	mm	mm	
118	139	118	17	F05

Temperature Temperature
-20 tot +60 °C

Switch model	Type of switch	Switching function	Number of switches	Supply voltage	Off-state Ex	x-class	Electrical connection	Level of protection (IP value)	Solenoid connection	Article
Mechanical V3	Mechanical		2	250 V AC 16A		G Ex d IIC 6b, II 2D Ex IC T85 °C Db	2x M20x1,5	IP67	Yes	12940914
NBB2-V3-E2	Inductive 3- wire NO	Normally open (NO)	2	10 - 30 V DC		G Ex d IIC bb, II 2D Ex IC 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 T6 GI	G Ex d IIC bb, II 2D Ex IC T85 °C Db	2x M20x1,5	IP67	Yes	13280261
NJ2-V3-N	Inductive		2		Ra =	= 0.8 µm	2x M20x1,5	IP67	Yes	12940915

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Actuators for Valves | Position indicators

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

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