



ECON® Electric actuator Series: ELA60 Type: 7907EXD Explosion-proof



CANopen

Modbus

PROFIBUS



Characteristics

Series: ELA60

Type: 7907EXD

Transmission: Quarter turn

Top flange standard: ISO 5211

Square type: Double square

Explosion-proof: Yes

Ex-class: II 2G Ex db IIB T4 Gb, II 2D Ex tb IIIC T135 °C Db

Level of protection (IP value): IP67

Type of regulation: Open-close

Emergency manual operation: Yes

Potential free switch contact: Yes

Torque switch: Yes

With mechanical setting indicator: Yes

Material housing: Aluminium

Material cover: Aluminium

Surface protection: Polyester coated

Material shaft: Steel

Material mounting garniture: Stainless steel

Min. ambient temperature: -20 °C

Max. ambient temperature: 60 °C

Application

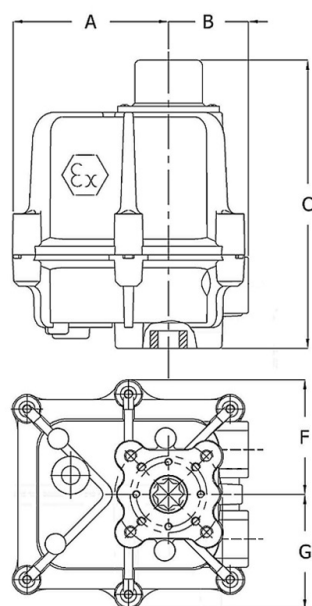
- Suitable for ball valves, ball check valves, butterfly valves and valves without stuffing box/plug valves.
- Industrial and maritime applications.

Technical Information

- Connection voltages: 24 VDC or 24 VAC; 1 phase 50/60 Hz: 115 VAC or 230 VAC $\pm 10\%$; 3 phases 50/60 Hz: 230 VAC, 380 VAC, 440 VAC or 460 VAC $\pm 10\%$.
- Explosion-proof housing according to: II 2G Ex db IIB T4 GB, II 2D Ex tb IIC T1 35°C dB.
- IP67 protection class.
- Ambient temperature: -20°C to +80°C.
- Up to 60 Nm.
- Equipped with four limit switches.
- With standard 14-mm square connection, including inserts for 9 mm and 11 mm.
- Provided with heater for anti-condensation.

Options

- Proportional control unit for modulating purposes (input/output 0~10 VDC 2~10 VDC/4~20 mA).
- Potentiometer (0~1 kΩ).
- Position transmitter (output 4~20 mA).
- Fieldbus systems: ASI bus, Modbus, PROFIBUS and CANopen.



Size table:

Model	A mm	B mm	C mm	F mm	G mm	Weight kg
ELA60Ex	102	52	188	75	75	3

Model	Connection voltage	Mounting flange	Mounting flange 2	Mounting flange 3	Square dimensions mm	Square dimensions 2 mm	Square depth mm	Stem shape	Torque Nm	Article
ELA60Ex	24V DC	F04	F05	F07	14	11	22	Double square	58	13274189
ELA60Ex	230V AC	F04	F05	F07	14	11	22	Double square	58	13274191

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