

UM 1.5 ELECTRIC ACTUATOR

FEATURES

The UM 1.5 electric actuator is intended for motorising, in on/off operation, the ¼ turn valves with a torque of 15 Nm maximum. With a compact construction and plastic housing, it is especially well suited for motorising small diameter ball valves. IP65 leak-tightness: it can be used indoors and outdoors under a shelter.

AVAILABLE MODELS

Supply voltages: 230V AC and 24V AC

LIMITS OF USE

IP Code	IP 65
Ambient temperature	-10°C / +50°C
Service factor	S4-30% - 10 starts/h



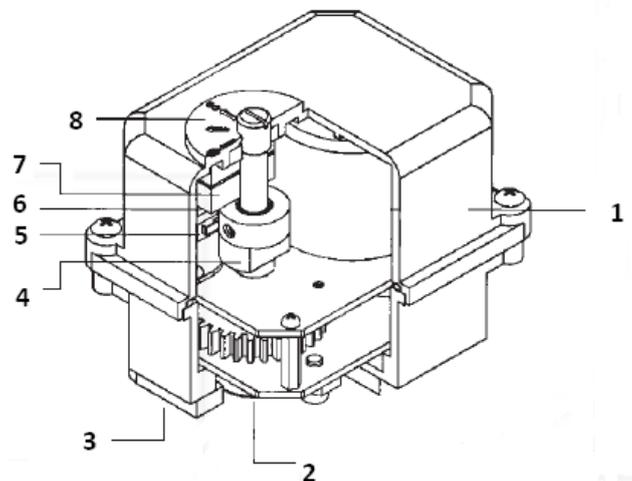
MECHANICAL FEATURES

Gear box	treated steel pinions
Torque	15 Nm
Angle of rotation	90° +/- 5°
Manoeuvring time	28 s
ISO 5211	F03 / F05 – star 14
Declutching	Without
Override control	Without
Weight	1 kg



ELECTRICAL FEATURES

Power	4 W
Current	230V AC: 30 mA 24V AC: 170 mA
Motor protection	IP 65
Limit switches	2 adjustable switches
Auxiliary switches	2 power-supplied switches
Anti-condensation	Without
Electrical connection	¼" PF + 300 mm cable



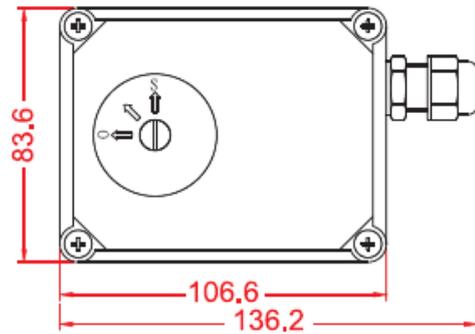
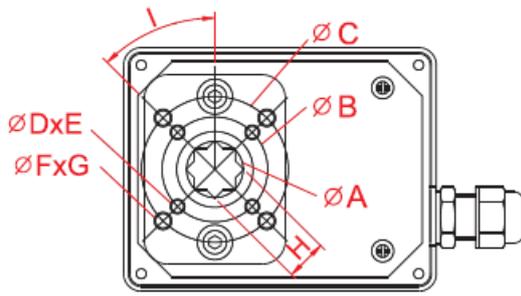
CONSTRUCTION

1	Housing	PA Plastic	5	Limit switch A	Steel
2	Gear box	Treated steel	6	Limit switch B	Steel
3	ISO mounting pad	Steel	7	Condenser	
4	Limit cams	Steel	8	Position indicator	

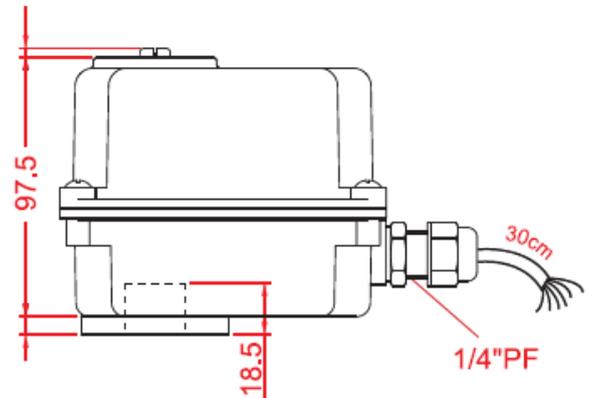
Information given as an indication only, and subject to possible modifications

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DIMENSIONS (mm)

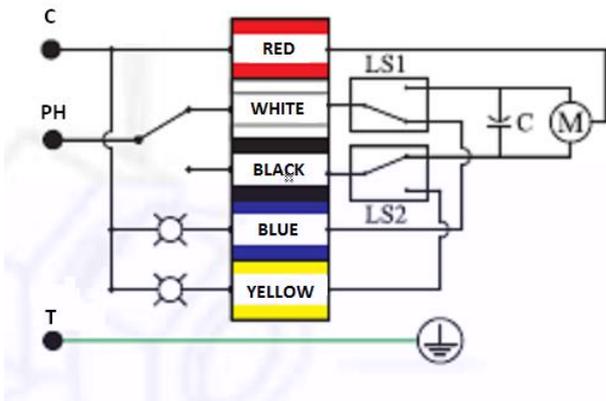


ØA	19	H	14
ØB	36	I	45°
ØC	50	ØDxE	M5 x 4
ISO	F03/F05	ØFxF	M6 x 4



WIRING DIAGRAM

Wire	Wiring
red	Common
white	Opening
black	Closing
blue	Auxiliary switch "O"
yellow	Auxiliary switch "F"



OPTION

orange / grey: anti-condensation heater

SWITCH SETTING

The cams are attached to the drive stem

2. Clockwise rotation = valve closing. The micro-switch stops the actuator.

3. Anti-clockwise rotation = valve opening. The micro-switch stops the actuator.

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