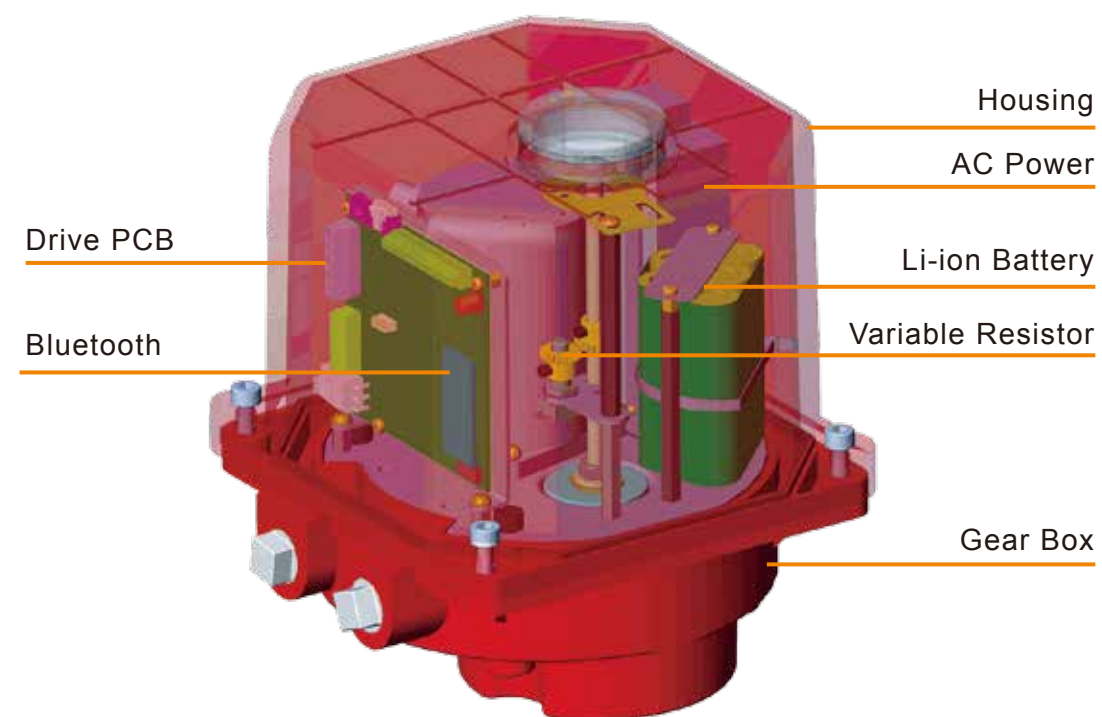


Product Features



Modular Design

- Plug & Play Kit easy to have additional functions when need
- AC Power Modular, Failsafe Modular and Bluetooth Modular

Brushless DC Motor

- High duty cycle performance

LED Light Indicator

- Easy to know the status of the position

Multi-Voltage

- AC110V~AC220V

High Duty Cycle

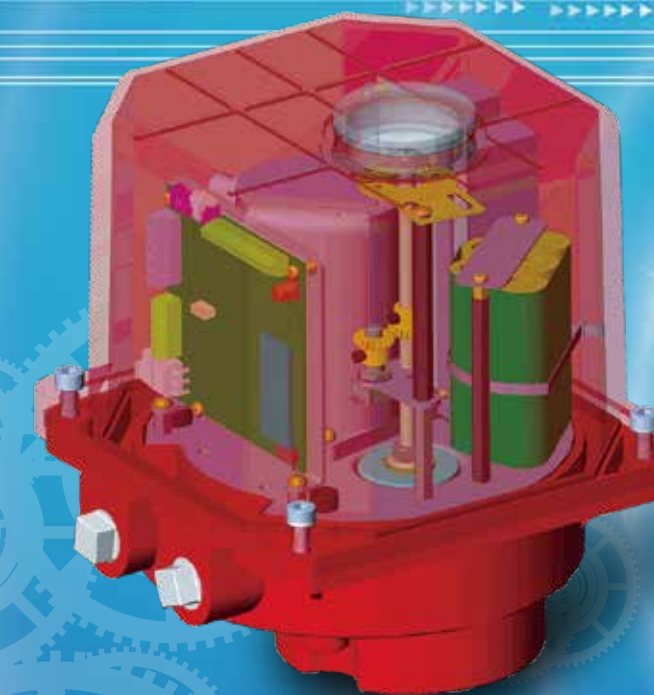
- 30%~75%

WELCOME DISTRIBUTORS !

miT-**uniD**-cns

ELECTRIC ACTUATOR

Multifunctional, Energy-saving,
Economical and Efficient



miT-**uniD**-cns

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Tel: +886 2 25219297 Fax: +886 2 25811229
email: 317valve@317valve.com
www.317valve.com

Smart and Multi - Function Electric Actuator



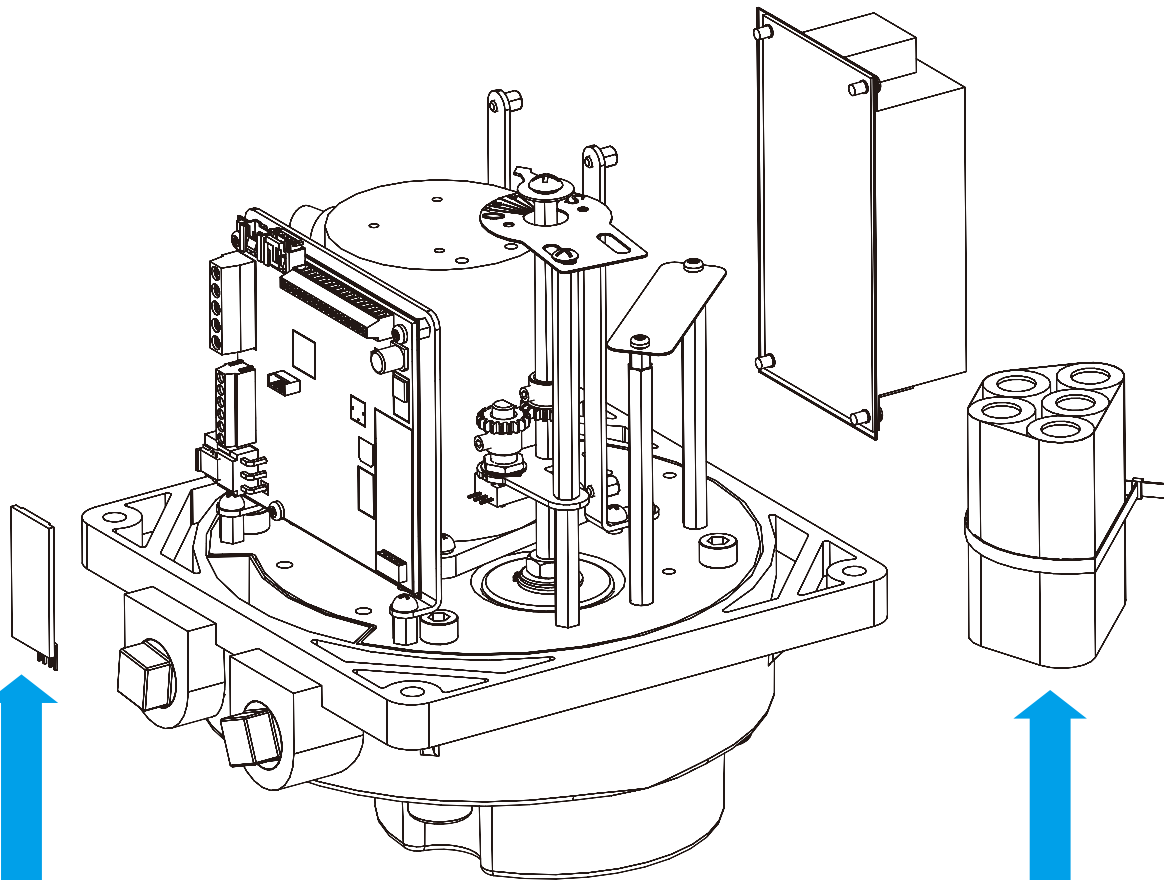
Modular Design Plug & Play kit

90° Electric Actuator UM-N Series

Outline Drawing & Specification

AC Power modular

Wide Voltage AC110V~AC220V
To avoid current spikes and protect device.



Li-Ion Battery Modular

For backup power or fail-safe function.
Protect system and device, it can be used for emergency
or when the power off.

Bluetooth Modular

Monitor the status of actuator and for local control.
10 records of abnormal status for maintenance and
examination reference.

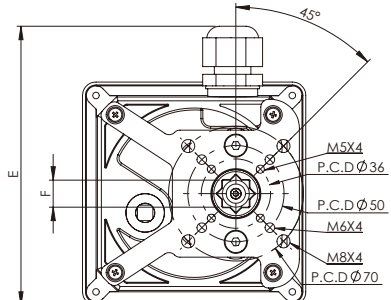
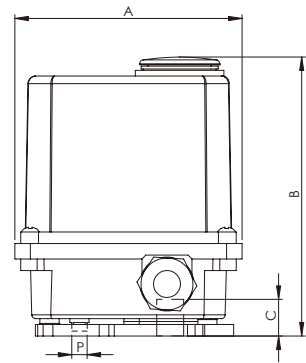
Item	Specification	UM1-N~UM2-N	UM3-N~UM8-N
Power Supply	DC24V	●	●
	AC110V~AC220V (Optional)	●	●
Max.-Min. Torque	8~70N.m	●	
	35~1000N.m		●
Mounting Plate	ISO 5211	●	●
Control Interfaces	ON / OFF	●	●
	Modulating 4~20mA or 2~10V (Optional)	●	●
	Bluetooth (Optional)	●	●
Rated Torque	75%	●	●
Duty Cycle	30%~75%	●	●
Fail-Safe	≧ 1 One Time (Optional)	Remark 1	●
Ambient Temperature	-10℃ ≤ Ta ≤ 60℃	●	●
IP Rating	IP67 1M 30 Min	●	●
	IP68 10M 72Hr(Optional)	●	●
Certifications Approval	CSA139-13 / UL429-ED7	●	●
Extra Limit Switches	Max 0.13 (A) (Optional)	●	●
Heater	5W (Optional)	●	●

Remark 1. UM1-N~UM2-N, the actuator needs external box for fail-safe function.
Remark 2. Not available for vacuum, corrosion, flammable and explosion environment. (Please contact with sales for explosion-proof).

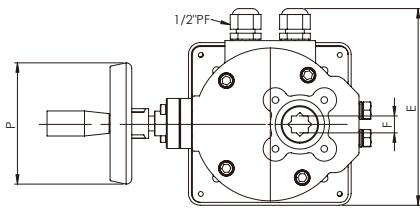
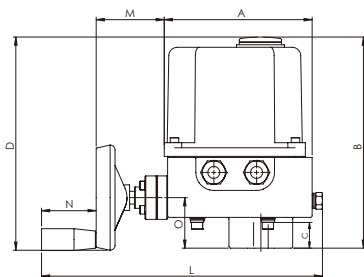
NOTE:

- ※ Power saving and low noise, with BLDC motor, small size and available for long time operating.
- ※ Motor insulation Class F
- ※ The circuit match EMC certificate request and with Electromagnetic compatibility (EMC) design
- ※ With manual override or hand wheel (above model UM3-N), for emergency or power failure used.
- ※ Fieldbus mode could choose Modbus-Asc II .
- ※ Current status record: Detect the current status for maintenance, when the current over 100% torque needed, the current will be recorded in program (Bluetooth function.)
- ※ Protection device: Overload, Double limit position, Valve stuck, Mechanical lock, Speed control
- ※ Fast speed time for open / close (Optional)
- ※ Ambient temperature: - 10 ≤ Ta ≤ 60℃(Humidity < 90% 25℃) ; - 20 ≤ Ta ≤ 70℃(Optional)

UM1-N ~ UM2-N



UM3-N ~ UM8-N



Model	Rated Torque (Nm)	Power consumption (w)		0~90° (Sec)	Dimension (mm)											
		AC110V AC220V	DC24V		A	B	C	D	E	F	L	M	N	O	P	
UM1-N	6	23	22	3	116	145	19	-	140	14	-	-	-	-	8	
	16	13	12	8												
	27			14												
UM2-N	35	16	15	15												
	50	20	20	17												
UM3-N	25	100	100	2												173
	115	65	65	8												
UM4-N	250	55	50	33	173	270	30	250	203	22	330	85	65	85	123	
UM5-N	365	75	65	38	173	276	34	250	203	27	330	85	65	92	123	
UM6-N	455	100	100	28												
UM8-N	750	70	70	58												173