

Spring Loaded QJ16 // QJ16RV15-10KA3030 LV20

ACP Q16 series expands its range with the launching of the new spring loaded potentiometer version called QJ16.

Keeping the same dimensions and layout of the Q16, the functionality is completely different. When the operator turns the knob CW or CCW from the central rest position, a spring mechanism fitted into the component provides an opposite torque. When releasing the knob, the spring returns the potentiometer to the central rest position.

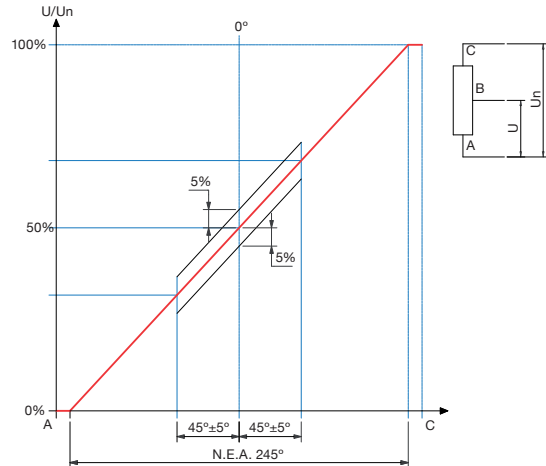
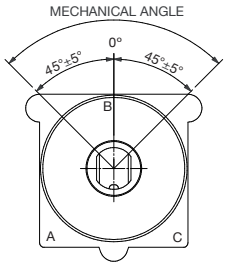
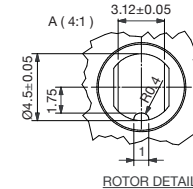
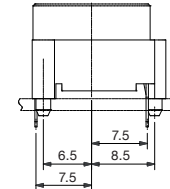
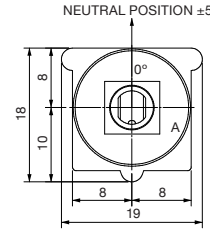
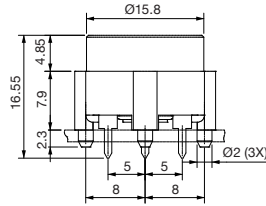
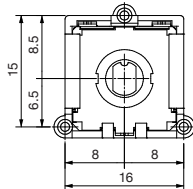
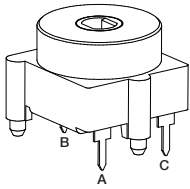
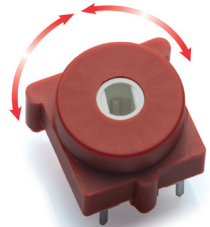
Electrically, the potentiometer is a standard 245° linear taper with a 5% absolute linearity. The mechanical rest position corresponds to the physical middle position, hence to the central value of the output

signal. Starting from there, the output value varies along the linear curve until reaching the corresponding end stop.

An alternative output signal to the above is an SPDT configuration, with “on” positions at both mechanical end stops and “off” position in the central rest position.

Mechanical angle option available: $\pm 45^\circ$

Application: Alternative to a tact switch or incremental encoder to increase or decrease the value of a certain parameter.



Standard features										Assembled Accessory
1	2	3	4	5	6	7	8	9	10	11
Series	Rotor	Model	Pack.	Value	Taper	Tolerance	Life	Mechanical Angle	Flammability	Accessory Ref #*
■ QJ16	R	V15	Bulk: Blank	Standard: 10K Others on request	Linear: A	Standard, 30%: 3030	Standard, 10,000 cycles: LV10 Extended life 20,000 cycles: LV20	$\pm 45^\circ$: Blank	Standard, Non self-extinguishable: Blank All housing and rotors self extinguishable: V0 Only QJ16 housing and rotor self extinguishable: Q-V0	Accessory reference -V0 (optional)

* View Q16-QJ16 web site catalogue for: Accessory drawings