

# ELEKTRICAL ACTUATOR

## AL 78-PCU with digital positioner

50 - 2452 Nm

### Description

AL 78-PCU is a series of electrical actuators with a digital positioner for control and positioning of 90° ball valves and butterfly valves. The control card DHC-100D provides 450 points of resolution on a 90° turn. Three buttons configure all parameters and direction of rotation. The card has adjustable control function that continuously regulate the load and the actuators characteristics.

**Applications:** Simple to demanding industrial process applications where a simple but reliable control is desired. Axel Larsson ball valves with or without control ball, and butterfly valves are suitable for AL 78-PCU.

**Type:** AL 78-005L-PCU (PCU for control) to AL 78-250-PCU.

**Typ marking:** The actuator is marked 005L, etc.

### Installation

Actuator to be installed on valves with 90° operation, either for direct mounting on the valve or with bracket and adaptor. Actuators can be mounted in any position but heavily vibrating installations should be avoided.

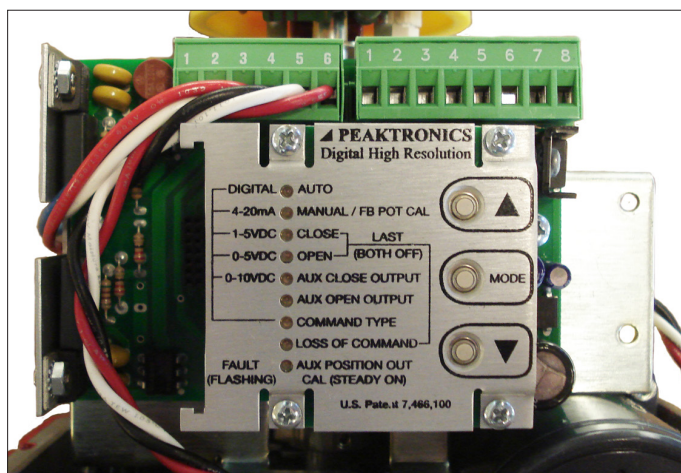
### Optional

- Alternative square shaft
- Explosion proof
- Local control unit
- Alternative control signals
- For other versions, please contact us.

### Technical data

For other technical data and dimensions, see separate data sheets.

<b>Power supply</b>	230V / 50Hz
<b>Control signal</b>	4-20 mA
<b>Class of protection</b>	IP 67
<b>Ambient temperature</b>	-30° - +70°C
<b>Position indication</b>	2 pcs mechanical potential free switches 2 pcs mechanical limit switches
<b>Manual operation</b>	Manual operation with automatic disconnection (005L with Allen key)
<b>Heater</b>	Condensation protection 20W standard
<b>Cable entry</b>	M20 x 1,5, 2 pcs



AL 78-PCU	005L	006	009	015	019	028	038	050	060	080	100	150	200	250
Nm	50	58	88	147	186	274	373	490	588	785	981	1471	1962	2450
ISO 5211	F03, F05, F07	F07	F07	F07, F10	F07, F10	F10, F12	F10, F12	F10, F12	F12, F14	F12, F14	F12, F14	F14, F16	F14, F16	F14, F16
Square shaft	14	17	17	17	17	22	22	22	27	27	27	36	36	36