- **Non-spring return rotary actuators: for 2 way ball valves DN 15...25**
  3 way ball valves DN 15...20
- **Torque: 2 Nm**
- **Modulating control** — **TR24-SR (AC/DC 24 V)**
- **Open/Close and floating control** — **TR24 (AC/DC 24 V)**
  TR230-3 (AC 230 V)

Technical data

Basic technical data	Connection cable	1 m, 0.75mm²
	Torque	2 Nm
	Angle of rotation	95°
	Sound power level	35 dB (A)
	Degree of protection	IP40
	EMC	CE according to 89/336/EEC
	Ambient temperature Non-operating temperature Temperature of medium	-5... +50°C -5... +80°C -5... +100°C
	Humidity test	To EN 60730-1
	Maintenance	Maintenance-free
TR24-SR	Power supply range	AC 19.2... 28.8 V; DC 21.6... 28.8 V
	Power consumption	1.0 W
	Transformer sizing	1.0 VA
	Control signal	DC2(0)...10 V (input impedance 100 kΩ)
	Protection class	III (safety low voltage)
	Running time	90s
	Weight	0.3 Kg
TR24	Power supply range	AC 19.2... 22.8 V / DC 21.6...22.8 V
	Power consumption	0.5 W
	Transformer sizing	0.5 VA
	Protection class	III (safety low voltage)
	Running time	100s
	Weight	0.3 Kg
TR230-3	Power supply range	AC 198... 264 V
	Power consumption	1.0 W
	Transformer sizing	1.0 VA
	Low voltage directive	CE according to 73/23/EEC
	Protection class	II (Totally insulated) ⧈
	Running time	105s
	Weight	0.3 Kg

Product features

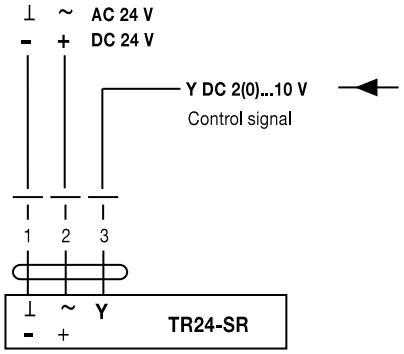
Simple direct mounting Simple direct mounting on the ball valve using only one screw.

Manual operation Manual operation by lever (the gearing latch remains disengaged as long as the self-resetting lever is pressed).

Wirings

TR24-SR

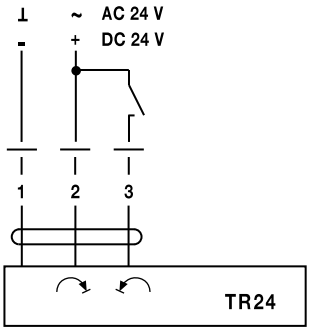
Modulating control



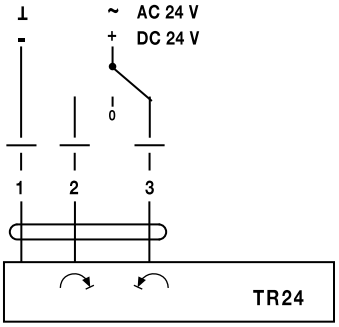
Notes:
- Connection via safety isolating transformer.
- Other actuators can be connected in parallel. Please note the performance data.

TR24

Open/close control



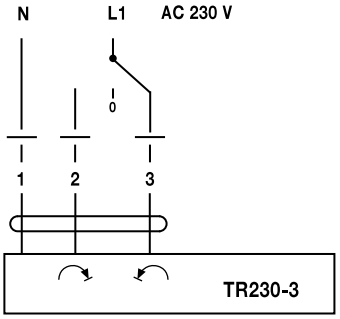
Floating control



Notes:
- Connection via safety isolating transformer.
- Other actuators can be connected in parallel. Please note the performance data.

TR230-3

Open/close and Floating control



Notes:
- Caution: Power supply voltage!