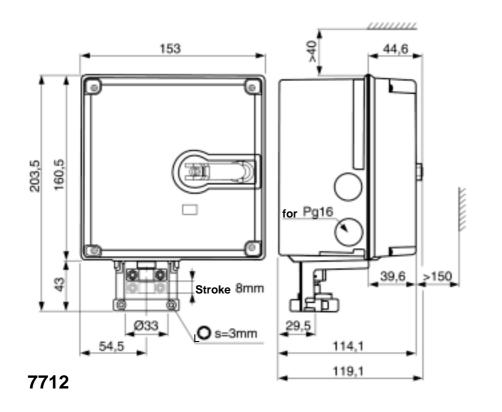
HERZ-Valve drive for 3-way valves

Standard sheet for

7712

Issue 0902 (0502)

Dimensions in mm



Black body with stepper motor, control electronics, LED-indicator and gear unit, transparent body cover, with manual crank for adjustment, plastic parts are self-extinguishing. Gear body and mounting handle made of cast zinc. Electronic force dependent disconnection, automatic adjustment valve lift.

1 7712 10 Valve drive with positioner for 3-way-valves 24 V

Operated by heat controller with constant output 0 – 10V or 4 to 20 mA.

Characteristic curve linear / proportional / square, external manual adjustment with circuit breaking, coding switch for characteristic curve, operation time and input signal.

1 7712 23 Valve drive for 3-way-valves 230 V

Operated by heat controller with switchable output, 3-point control, coding switch to change operation time.

1 7712 24 Valve drive for 3-way-valves 24 V

Operated by heat controller with switchable output, 3-point control, coding switch to change operation time.

Mounting on valve is possible in upright vertical and horizontal position.

Model Article numbers

Installation

We reserve the right to make alterations necessitated by technological progress and/or market requirements.



General da	ta			Technical data
Operation t	ime		60 / 120 s	
Lift			8 mm	
Shear force	!		400 N	
Weight			2.1 kg	
Power consumption operation standstill Maximum operation temperature Maximum ambient temperature Maximum ambient humidity Degree of protection Cable screw connection Electrical connection		peration	appr. 5.5 VA	
		•	appr. 2.5 VA / ca. 1.5 VA	
		, iai iai	100 °C am valve 560°C	
		< 95 % r.F. IP 54 /EN 60529) Pg 16		
		max. 1.5 mm ²		
1 7712 10	Control signal		010V, Rj=100 kOhm	
		420mA, Rj=250 Ohm		
Position signal		010 V, burden > 2.5 kOhm		
Start position U0			0 resp. 10 V	
Modulation tension delta U			10V 200 mV	
Switch range Xsh Supply voltage 24 V		+/- 20%, 5060 Hz		
			17- 2070, 3000 112	
1 7712 23	Voltage		230 V	
	Supply voltage 2	230V	+/- 15%, 5060 Hz	
	Minimum triggering time	•	200 ms	
1 7712 24	Voltage		24 V =	
	9	24V	+/- 20%, 5060 Hz	
	Minimum triggering time	!	200 ms	
1 4037 HERZ-3-way-mixing and diverting valves			valves	Accessories
1 7796 02	HERZ- Safety transform	_		1.000000
1 7793 23	5			
1 7793 24	HERZ-Electronic heat co		2001	
1 7793 01				
1 7793 00	HERZ-System temperature sensor for heat controller			
11100 00	TIERE System temperati	are 3011301	Teat controller	