

Pilot distributor TUYA electra double

For filtering plant double filter (alternately) **included controller**



TUYA electra double:

commands the single effect membrane chamber with spring return. The pilot distributor has its own inner program (it does not need a controller or PLC).

Connecting for six membrane chamber, six programmable phase pilot (5 phase of the regeneration).

Function:

- volumetric
- temporized or
- with external signal (analyzer, pressure switch)

With daily inner timer.

Output relais (n.o. / n.c.):

REL1: additional programme no. 1 (activation before, during or after regeneration – duration programmable)

REL2: second additional programme no. 2 programmable (as above)

REL3: general alarm or dosing impulso (only with water meter)

REL4: exercise valve filter 1 (add solenoid valve) or a contact during the supply of the treated water and a contact during regeneration

REL5: exercise valve filter 2 (as above)

Analogic output:

4 – 20 mA: operation signal of the plant double filter and general alarm

Entries(n.o.):

WM: Pulse water meter

IN1: Stop remote regeneration (stop a regeneration into force)

IN2: Start regeneration or stop (block the start of a regeneration)

IN3: Opening/closing exercise remote valve

Examples of use: close the treated water supply in case of storage tank full

IN4: Hold regeneration

Examples of use: stop the regeneration where it is as long as the contact part (example: wash the softening as long as the conductivity of the discharge falls within the expected range, wash the filter as long as the turbidity falls within the expected value)

TUYA electra double n.o.	24V 50-60Hz	290350
TUYA electra double n.c.	24V 50-60Hz	290370
Plug transformer	230/24V 50-60Hz	290331
Fittings set	Water/air	2 x 290405

Technical data



Mains connection:	24 Volt 50-60Hz Accessory: plug transformer 230/24V 50-60Hz		
Control performance absorption:	2,5 VA		
Switching time:	10 seconds		
Protection class:	IP 54		
Phase to phase switching:	with voltage(240V max. load) without voltage (5V max. load) alternating or pulse switching		
Synchronization:	included in the scope of the delivery		
Output relays:	5 contacts n.o/n.c potential-free max. 250V 2A 250 VA initial load		
Control panel:	air or water (out of foreign bodies)		
Maximum pressure:	8 bar		
Connection to valves:	6+6		
Thread:	1/8" male, 10mm max. thread length		
Weight:	2,5 kg		
Dimensions:	300 large, 300 height, 90mm depth		
Analogue output:	4-20mA galvanically separated (250 ohm max. load)		
Noise filter:	included (EMI type)		
Internal transformer:	9-12V 50-60Hz		
Internal motor voltage:	12V 50-60Hz		
Regeneration counting:	included		
Certifications:	CE and RoHS		
Materials:			
Rotary valve:	stainless steel	Rubber seal:	rubber
Adjustment fuse:	stainless steel	Rings:	perbutan
Spring:	stainless steel	Box (involucre):	Polycarbonate PC
Teflon seal:	teflon		

We reserve further technical changes

www.apura.it



Version 07/2015