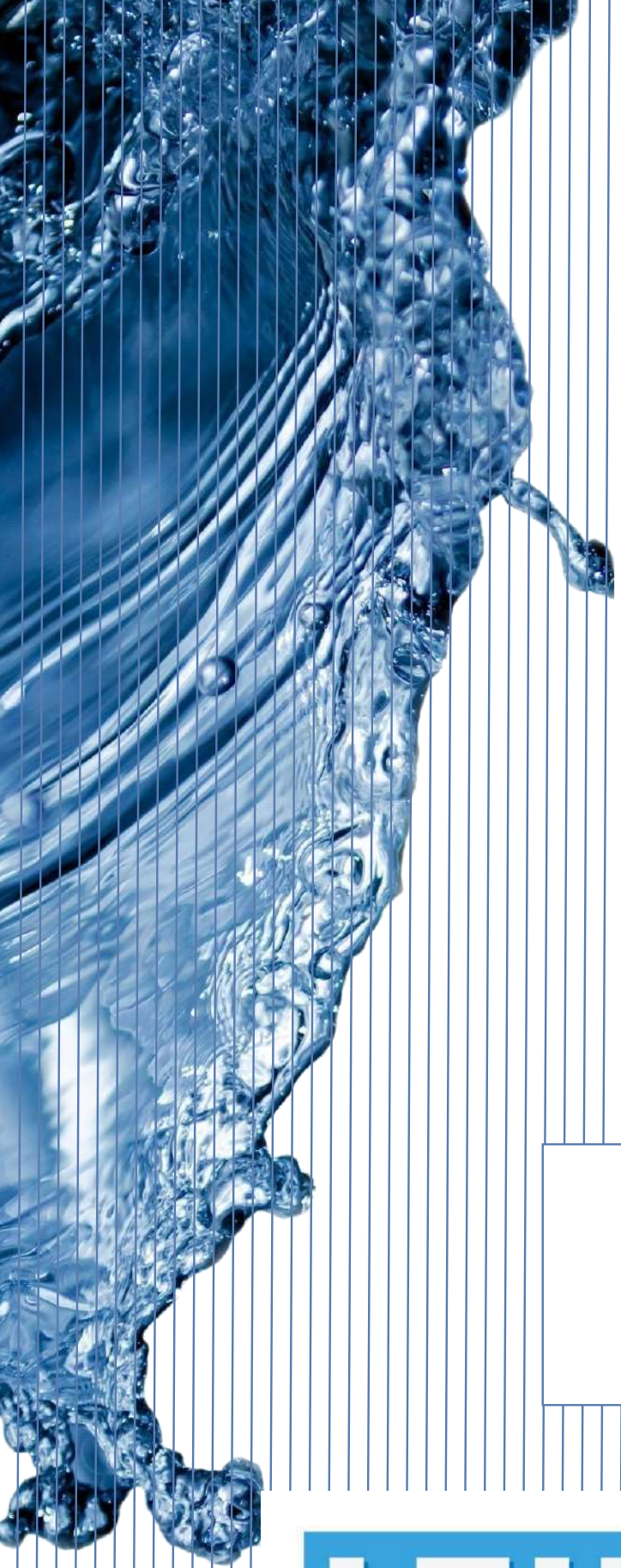


WTR series flat unidirectional flow regulator with handle regulation

WTRNSF / WTRNSF-N - Tierre

LTH

HYDRAULIC
COMPONENTS
& FLUID CONTAMINATION
CONTROL



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-20°C ÷ 80°C

Working pressure:
10 Bar

Compressed air

- Taper gas BSPT ISO 7 from R1/8" to R1/2" with teflon
- Parallel gas BSPP ISO 228 from G1/8" to G1/2"
- Metric ISO 262 M5
- NPT from N1/8" to N1/2"
- UNF 10-32

Polyamide PA,
Polyurethane PU,
Polyethylene PE

Body: Nickel plated brass and high performance PBT
Collar: zinc
Sleeve: acetal resin POM
Seal: NBR sans silicone
Lock claw: stainless steel AISI 301
Handle: brass
O-ring: NBR silicon free
Lock nut: nickel plated brass
Back ring: POM

REACH Products in compliance with the directive 1907/2006

RoHS2 Products in compliance with the directive 2011/65/UE

INSERTION OF THE TUBE INTO THE FITTING

- Make sure the tube is fully inserted into the fitting.
- To insert the tube into the fitting cut the tube off square (90°), insert tube up to the fitting end stop, and pull back gently to make sure it is correctly connected.
- If there is any damage or scratches on the tube surface the tube is an oval shape, air leakage and tube release may occur. Check the tube condition carefully.
- The OD of polyurethane tube expands when pressure is applied. Reinsertion into the fitting may not always be possible. Check the OD of the tube and renew it the expansion is out of tolerance.

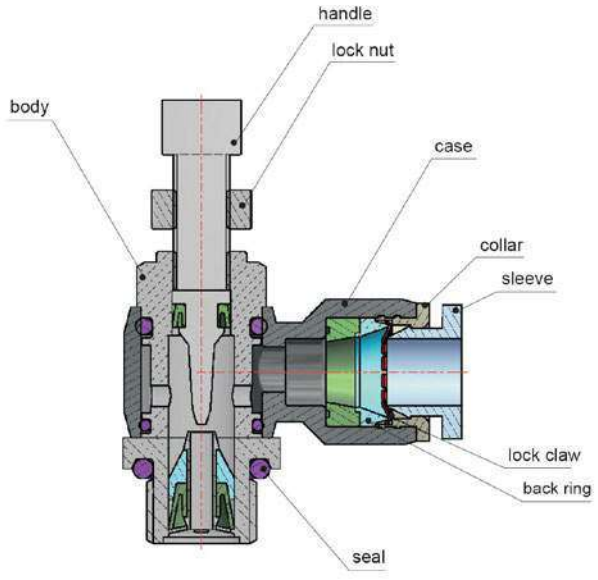
DISCONNECTION OF THE TUBE FROM THE FITTING

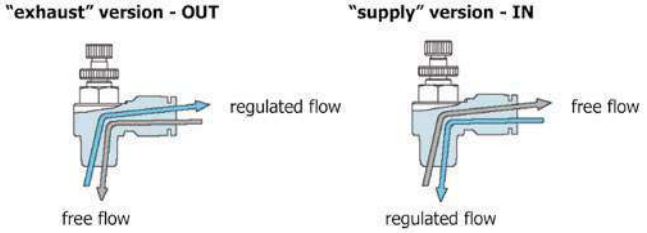
- Make sure the pressure in the system is zero before releasing the tube from the fitting.
- To release the tube, press the release sleeve towards the fitting with one hand and pull the tube away from the fitting with the other hand.
- Always remove the section of tube previously inserted into the fitting before reinserting the tube by cutting back the tube. Always use the correct tube cutter in order to cut the tube square and free of damage.

TOLERANCE - TUBE

Ø TUBE (mm)	4	6	8	10	12
TOLERANCE (mm)	± 0,1	± 0,1	± 0,1	± 0,15	± 0,15
Ø TUBE (inch)	5/32	1/4	5/16	3/8	1/2
TOLERANCE (inch)	± 0,003"	± 0,003"	± 0,003"	± 0,005"	± 0,005"

CONSTRUCTION DETAILS

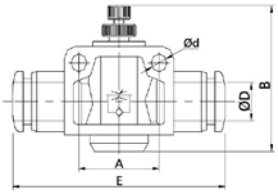


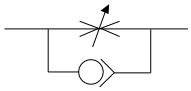


WTRNSF

Flat flow regulators metric sizes unidirectional nickel plated with handle regulation





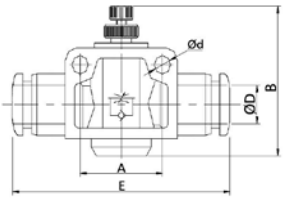


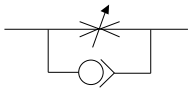
CODE	ØD	Ød	A	B	E	GR.
WTRNSF04	4	3,2	14,0	28,8	39,5	11,7
WTRNSF06	6	4,3	20,0	42,6	47,6	27,0
WTRNSF08	8	4,3	22,0	44,3	52,6	39,5
WTRNSF10	10	4,3	26,0	53,4	60,5	69,0
WTRNSF12	12	4,3	32,0	55,6	74,2	113,2

WTRNSF-N

Flat flow regulators imperial sizes unidirectional nickel plated with handle regulation







CODE	ØD	Ød	A	B	E	GR.
WTRNSF532	5/32	0,125	0,551	1,133	1,555	0,025
WTRNSF316	3/16	0,125	0,551	1,133	1,578	0,056
WTRNSF1-4	1/4	0,169	0,787	1,677	1,874	0,059
WTRNSF516	5/16	0,169	0,866	1,744	2,070	0,087
WTRNSF38	3/8	0,169	1,023	2,102	2,381	0,152
WTRNSF1-2	1/2	0,169	1,259	2,188	2,921	0,249

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