



RPE Srl
Leader in Fluid Management Control

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R Series

3 way exchange

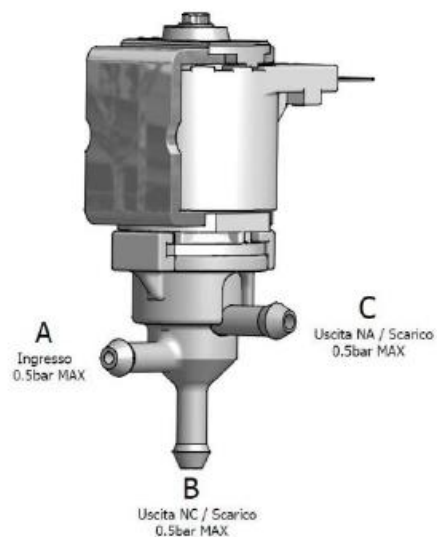


R Series 3 way exchange

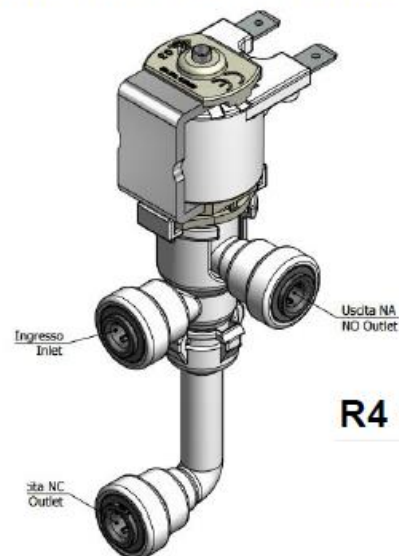
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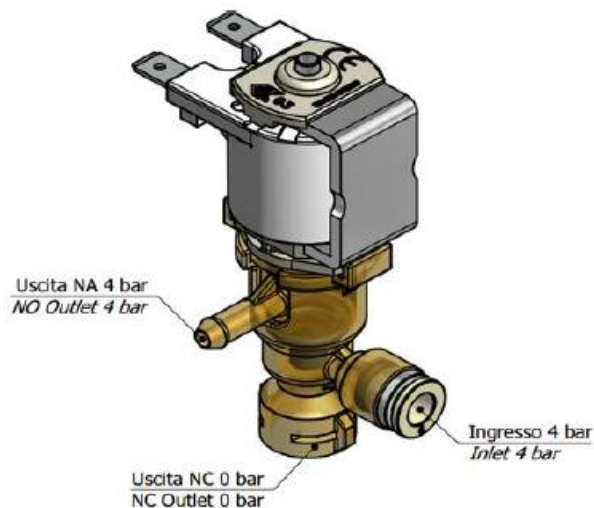
R1 - R100322020PG5



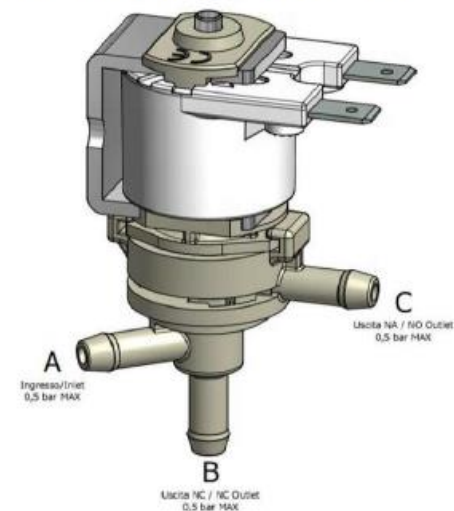
R2 - R200326060JG6



R2 - R2003260PGRM6



R4 - R400322020PG6





R Series 3 way exchange

Product characteristics

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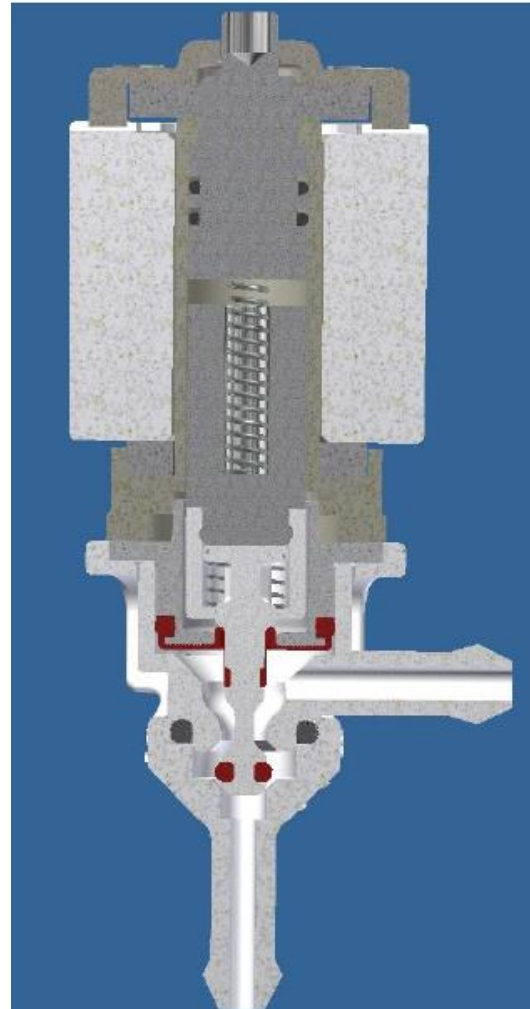
1. Medium separation

Thanks to the diaphragm that separates the armature tube from the body where the fluid works



2. Self cleaning

Each time the core is activated, it cleans the orifice by itself where fluid passes through



4. Food approvals material

All the materials in contact with fluid are POM or LSR



3. Easy maintenance

Thanks to the bayonet assembly it can be disassembled easily without any screwdriver



R Series 3 way exchange

Product characteristics

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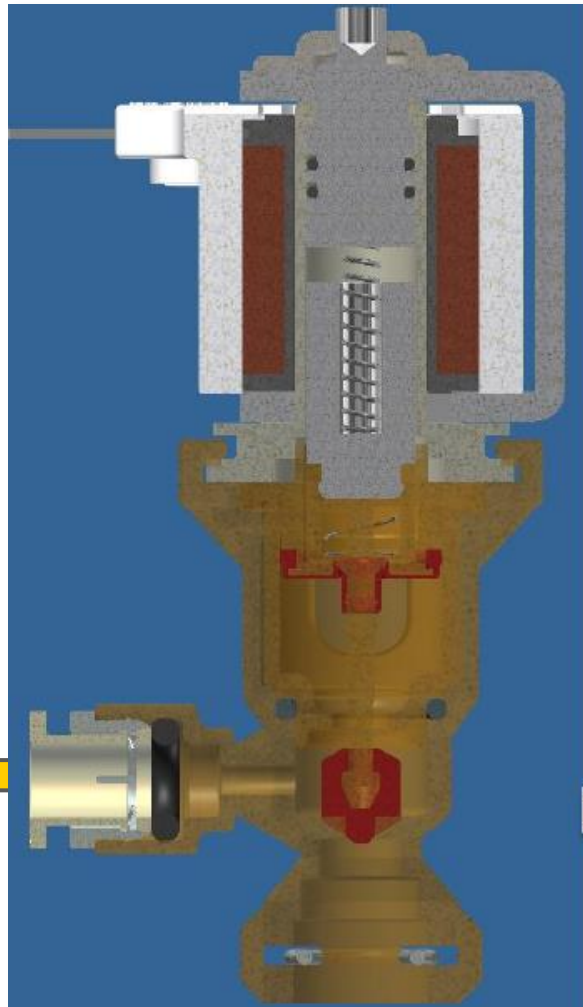
1. Medium separation

Thanks to the diaphragm that separates the armature tube from the body where the fluid works



2. Quick connections

We use a ROEMER cartridge directly fixed in the connection



4. Food approvals material

All the materials in contact with fluid are PPSU or LSR



3. Transparent

Thanks to the PPSU material it is easy to understand if there is any residue of fluid inside the valve (e.g. milk)





R Series 3 way exchange

Product characteristics

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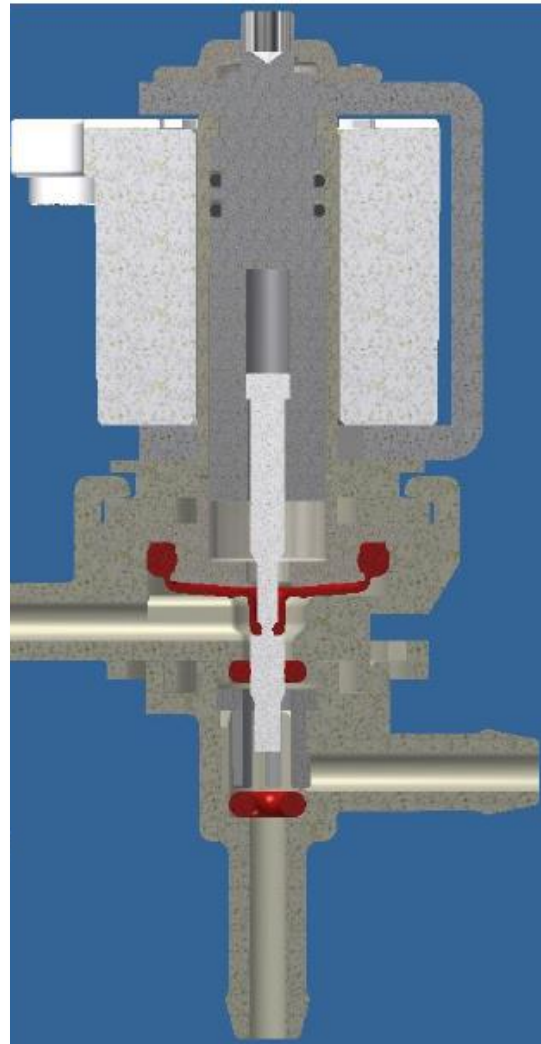
1. Medium separation

Thanks to the diaphragm that separates the armature tube from the body where the fluid works



2. Self cleaning

Each time the core is activated, it cleans the orifice by itself where fluid passes through



4. Food approvals material

All the materials in contact with fluid are POM or LSR



3. Double O-Ring

The functioning pin works on a double O-ring and guarantees the perfect cleaning of the orifice



R Series 3 way exchange models

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Model	Material	IN	2 OUT	Orifice Ø	Working pressure	Room temp.	Fluid temp.
R100322020PG5	POM	Hose tail 5 mm	Outlet NC: Hose tail 5 mm Outlet NO: Hose tail 5 mm	2 mm	0 – 0,5 bar	60° C	60° C
R200326060JG6	POM	JG 6 mm	Outlet NC: JG 6 mm Outlet NO: JG 6 mm	6 mm	0 – 0,5 bar	60° C	60° C
R200326060PG10	POM	Hose tail 10 mm	Outlet NC: Hose tail 10 mm Outlet NO: Hose tail 10 mm	6 mm	0 – 0,5 bar	60° C	60° C
R201326060PG65	PPH	Hose tail 6,5 mm	Outlet NC: Hose tail 6,5 mm Outlet NO: Hose tail 6,5 mm	4 mm	0 – 0,5 bar	60° C	60° C
R2003260PGRM6	PPSU	Quick connection 6mm	Outlet NC: Fork Outlet NO: Hose tail 5 mm	2,5 mm	0 – 4 bar	90° C	90° C
R200324040RM4	PPSU	Quick connection 4 mm	Outlet NC: Fork Outlet NO: Quick connection 4 mm	2,5 mm	0 – 4 bar	90° C	90° C
R200324040RM4	PPSU	Quick connection 4 mm	Outlet NC: Fork Outlet NO: Quick connection 6 mm	2,5 mm	0 – 4 bar	90° C	90° C
R400322020PG6	POM	Hose tail 6 mm	Outlet NC: Hose tail 6 mm Outlet NO: Hose tail 6 mm	2 mm	0 – 0,5 bar	60° C	60° C



R Series 3 way exchange solenoids

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SOLENOIDI SERIE TRE VIE - *THREE WAY SERIES SOLENOIDS*

Codice progres. (Progress code)	Tensione (Voltage)	Frequenza (Frequency)	Potenza		Assorbimento		cosφ	ED (funzionamento) (duty cycle)	Connessioni		Approvazioni (Approvals)	Controllo	
			Potenza manenim (Holding Power)	Potenza di spunto (In Rush Power)	Assorbim (mA) in mantenimento (Holding Current)	Assorbim (mA) in spunto (In Rush Current)			Faston (F), Cavi (wires)*** Unipolari (C)	Cavi (wires)*** bipolari (in mm)		NC	NA** (NO)
1	24V DC	=	11,80 W	/	490 mA	/	/	3minON 5minOFF	F	/	/	3 way	3 way
2	230V AC	50 HZ 60 HZ	6,00 VA 5,55 VA	9,60 VA 9,10 VA	29 mA 24 mA	42 mA 38 mA	0,70 0,69	3minON 5minOFF	F	/	/	3 way	3 way
3	110V AC	50 HZ 60 HZ	5,00 VA 4,45 VA	8,85 VA 8,10 VA	48 mA 39 mA	78 mA 72 mA	0,64 0,62	3minON 5minOFF	F	/	/	3 way	3 way
4	12v DC	=	8,42 W	/	700 mA	/	/	3minON 5minOFF	F	/	/	3 way	3 way

Legenda (Legend)

NC: Normalmente Chiusa / *Normally Closed*
 NA: Normalmente Aperta / *Normally Open*
 NB: Bistabile / *Latching*
 GW: Glow Wire

ED Funzionamento (*Duty Cycle*)

Approvazioni *Approvals*: ENEC, UL, GW

Faston: IP X0

Cavi (wires): IP 55

Classe isolamento (*Insulation class*): II

Classe isolamento bobina (*Coil Insulation class*): F

Tipo faston (*Faston type*): 6,3 × 0,8 mm



R Series 3 way exchange solenoids

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Model	Material	IN	2 OUT	Orifice Ø	Working pressure	Room temp.	Fluid temp.
R211326060PG65	PPH	Hose tail 6,5 mm	Outlet NC: Hose tail 6,5 mm Outlet NO: Hose tail 6,5 mm	4 mm	0 – 0,5 bar	60° C	60° C

SOLENOIDI SERIE TRE VIE MODELLO R211326060PG65 - *THREE WAY*SERIES SOLENOIDS MODEL R211326060PG65

			Potenza(Power)	Assorbimento(Absorption)			Connessioni (Connections)				Controllo(Control)	
Codice progres. (Progress code)	Tensione (Voltage)	Frequenza (Frequency)	Potenza manenim (HoldingPower)	Assorbim (mA) in mantenimento (Holding Current)	cosφ	ED (funzionamento) (duty cycle)	Faston(F), Cavi(wires)*** Unipolari (C)	Cavi(wires)*** bipolari (in mm)	Approvazioni (Approvals)	NC	NA** (NO)	
1	24V DC	=	6,30 VA	490mA	/	100%	F	/	ENEC - UL	3 way	3 way	
2	220/240V AC	50 Hz 60 Hz	7,00 VA	29mA 24 mA	0,70 0,69	100%	F	/	UL	3 way	3 way	
3	100/120V AC	50 Hz 60 Hz	8,00 VA	48mA 39mA	0,64 0,62	100%	F	/	UL	3 way	3 way	
4	12V DC	=	4,38 VA	700mA	/	100%	F	/	UL	3 way	3 way	
5	24V AC	50 Hz 60 Hz	7,24 VA	302mA	0,65 0,60	100%	F	/	UL	3 way	3 way	

Legenda (Legend)

NC: Normalmente Chiusa / *Normally Closed*
NA: Normalmente Aperta / *Normally Open*
NB: Bistabile / *Latching*
GW: GlowWire

ED Funzionamento (*Duty Cycle*)
Approvazioni *Approvals*: ENEC, UL, GW
Faston: IP X0
Cavi (*wires*): IP 55
Classe isolamento (*Insulation class*): II
Classe isolamento bobina (*Coil insulation class*): F
Tipo faston (*Faston type*): 6,3 x 0,8 mm



NOTHING GREAT HAS EVER BEEN DONE WITHOUT PASSION

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Thanks for your attention



www.rpesrl.it