

# Solenoid Valve & Fluidic Solutions

Plastic Moulding Technology



# Plastic Chips Transportation



## Pastic Powder Feeders

These devices provide the granulate plastic to the moulding machine before the moulding screw.

## Solenoid Valve Series



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## Solenoid Valve R2SP Serie

The R2G Fluidics R2SP serie is specially designed to maximize the flowrate in a compact design, granting a high number of cycles with no maintenance. Availale up to 16bar air pressure for the best operation of the machines.

Serie R2SP Normally Close										
CODE	Connection	Orifice	Kv	Differential Pressure (bar)			Coil		Seal	Temp. Range
				Min	Max		Series	Width (mm)		
	G	mm	m <sup>3</sup> /h	AC	DC	°C				
R2SPCCG#12/// Coil	3/8"	13	2.2	0.15	16	16	2800	22	NBR=B	-10 +90
R2SPCDG#12/// Coil	1/2"	13	2.5	0.15	16	16			EPDM=E	-10 +160
R2SPCEG#18/// Coil	3/4"	19	5.5	0.15	14	14			FPM=V	-10 +160
R2SPCFG#25/// Coil	1"	25	10.2	0.15	10	10				

# Temperature Controllers



## Temperature Controller

This device keeps the temperature and the pressure of the mould inside the injection machine thanks to internal fluidic circuits and sensors that warm and cool the fluid into the mould.

## Solenoid Valve Series



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### Solenoid Valve 2 Way R2AC Serie

- Normally Closed and Normally Open operation
- High temp. sealings like H.FKM, PTFE, EPDM
- Stainless Steel orifices up to 5,2mm
- Double sealing system on the armature tube leakage free



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### Solenoid Valve 3 Way R2ACT Serie

- 3 Ways for bypass, circuit shift and recirculating.
- High temp. sealings like PTFE/FKM or EPDM/FKM
  - Double sealing system on the armature tube leakage free

# Temperature Controllers



## Temperature Controller

This device keeps the temperature and the pressure of the mould inside the injection machine thanks to internal fluidic circuits and sensors that warm and cool the fluid into the mould.

## Solenoid Valve Series



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### Solenoid Valve 2 Way R2IC Serie

- Stainless Steel Body
- Normally Closed and Normally Open operation
- High temp. sealings like H.FKM, PTFE, EPDM
- Stainless Steel orifices up to 5,2mm
- Double sealing system on the armature tube leakage free



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### Solenoid Valve 3 Way R2ICT Serie

3 Ways for bypass, circuit shift and recirculating.

- Stainless Steel Body
- High temp. sealings like PTFE/FKM or EPDM/FKM
- Double sealing system on the armature tube leakage free

# Temperature Controllers



## Temperature Controller

This device keeps the temperature and the pressure of the mould inside the injection machine thanks to internal fluidic circuits and sensors that warm and cool the fluid into the mould.

## Solenoid Valve Series



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### Solenoid Valve 2 way R2SP Serie

Diaphragm Solenoid Valve with high flow for cold and hot water.

- Normally Closed and Normally Open operation
- FKM, NBR, EPDM Sealings
- 22mm or 30mm coil



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### Solenoid Valve 2 way R2IH Serie

Diaphragm Solenoid Valve with high flow for cold and hot water.

- Stainless Steel Body
- Combined operated working from 0bar and vacuum
- FKM Sealings
- 36 mm coil



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