

## Solenoid valves RN 154

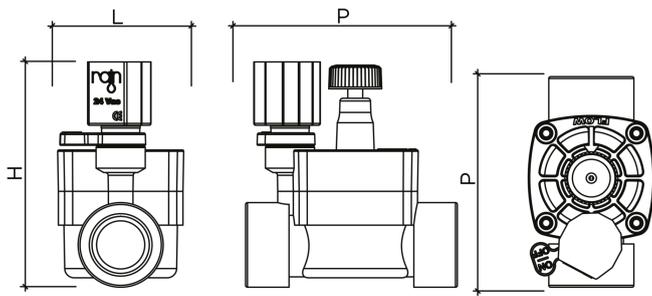


The RN 154 solenoid valve is the ideal solution for residential and commercial irrigation with flow rates from 15 l/min to 150 l/min. Available in different configurations of diameters (3/4" to 1") and voltage (24 Vac and 9 Vdc). The presence of the patented Manifold system ferrule saves considerable time during installation, but more importantly, it allows the solenoid valve to be replaced in seconds and without the use of tools. In addition, the 1" F model is interchangeable with models of other irrigation brands thanks to its reduced length of 11.2 cm, making the RN154 even more versatile, also on existing systems.

### Technical Features

- Threads available: 3/4" M, 1" F, 1" M, 1" MxU
- Solenoid type: 24 Vac - normally closed, 9 Vdc - latching
- Minimum pressure: 1 bar
- Maximum pressure: 15 bar
- Minimum operating flow rate: 15 l/min
- Maximum operating flow rate: 150 l/min
- Minimum operating temperature: 4°C
- Maximum operating temperature: 70°C
- Diaphragm type: In co-molded parts
- Manufacturing material: Glass fiber PA 6 30%
- Manual opening with security key (provided)
- Solenoid inrush absorption 24 Vac: 0,43 A
- Absorption at solenoid maintenance 24 Vac: 0,21 A
- PN 12
- IEC 60730-1:2010

	Name	Model
100.1540711	RN 154	24VAC - 3/4"F
100.1540910	RN 154	24VAC - 1"F
100.1540911	RN 154	24VAC - 1"M
100.1540916	RN 154	24VAC - 1" MxUN
164.1540711	RN 154	9VDC - 3/4"F
164.1540910	RN 154	9VDC - 1"F
164.1540911	RN 154	9VDC - 1"M
164.1540916	RN 154	9VDC - 1" MxUN



Model	H	P	L
3/4"F	11.9 cm	11.2 cm	6.6 cm
1"M	11.9 cm	11.6 cm	6.6 cm
1"F	11.9 cm	11.2 cm	6.6 cm
1"MxUN	11.9 cm	12.6 cm	6.6 cm

l/min	15 l/min	30 l/min	45 l/min	60 l/min	75 l/min	90 l/min	105 l/min	120 l/min	135 l/min	150 l/min		
3/4"F	0.45 bar	0.53 bar	0.60 bar	0.64 bar	0.70 bar	0.77 bar	0.93 bar	1.17 bar	1.39 bar	1.79 bar		
1"F	0.29 bar	0.30 bar	0.40 bar	0.39 bar	0.39 bar	0.44 bar	0.37 bar	0.50 bar	0.67 bar	0.79 bar		
1"M	0.37 bar	0.49 bar	0.48 bar	0.46 bar	0.50 bar	0.54 bar	0.53 bar	0.64 bar	0.78 bar	0.92 bar		
1"MxUN	0.40 bar	0.41 bar	0.42 bar	0.38 bar	0.37 bar	0.47 bar	0.50 bar	0.74 bar	0.83 bar	1.02 bar		

#### 9 Vdc solenoid



Battery-operated controllers control 9Vdc latching solenoids. The control unit will send an electrical signal at the start of irrigation to open the solenoid valve and a signal at the end of irrigation to close the solenoid valve.

#### Solenoid 24 Vac



The controllers control 24 Vac normally closed solenoids. The control unit will supply the solenoid with a 24 Vac electrical signal for the entire irrigation time to open the electrovalve.

#### Manifold system



The patented Rain Manifold System allows easy installation of solenoid valves and during valve box maintenance allows quick removal of the solenoid valve.