

2/2 WAY DIRECT ACTING SOLENOID VALVE, G 1/8" - G 1/4"

COMMON FEATURES

Body material: stainless steel (1.4305 EN 10088/AISI 303)
 Orifice material: stainless steel (1.4305 EN 10088/AISI 303)
 Operator material: stainless steel
 Protection class: IP 65 (with connector and gasket)

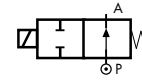
OPTIONS

Available with body thread connection 1/8" (e.g. code RD298DVA), performance ratings remain the same as RD299DVA
 Silver shading ring (e.g. code RD299DVCA)
 NPT connection on request, minimum batch may be required (e.g. code RD298DVG \overline{N})

NOTES

Normally open version not available for orifice $> \varnothing 3$ mm
 Protective treatment of operators is recommended, minimum batch may be required

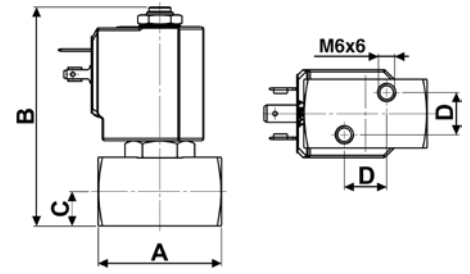
TYPE: RD298/299



Normally Open



DIMENSIONS & WEIGHTS		RD298	RD299
G connection	[ISO 228]	1/8"	1/4"
A	[mm]	45	45
B	[mm]	77.5	77.5
C	[mm]	12.5	12.5
D	[mm]	15.4	15.4
weight	[kg]	0.36	0.36



Flow direction overseat 1 \rightarrow 2

VALVE	nominal \varnothing	flow rate Kvs	OPD			COILS	
			min.	max. AC	max. DC	class 'H' only	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
RD299DVA	1.0	0.6	0	30	30	7251	24v DC
RD299DVG	2.5	3.3	0	16	16	7201	24v 50/60Hz
RD299DVH	3.0	4.5	0	10	10	7401	110v 50Hz - 120v 60Hz
						7601	200v 50Hz - 220v 60Hz
						7701	230v 50Hz - 240v 60Hz

RD298/299 - FKM seal, NO -

Media: water, oil, air and aggressive fluids
 Media temperature: $-10^{\circ}\text{C} \div +130^{\circ}\text{C}$
 Ambient temperature: $-10^{\circ}\text{C} \div +50^{\circ}\text{C}$
 Seal material: foodgrade FKM
 Coil power: AC 18vA (holding)
 AC 36vA (inrush)
 DC 14w

OPTIONS

EPDM seal, temperature max. 120°C (e.g. code RD299DEG)

VALVE	nominal \varnothing	flow rate Kvs	OPD			COILS	
			min.	max. AC	max. DC	class 'H' only	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
RD299DRA	1.0	0.6	0	100	100	7251	24v DC
RD299DRB	1.2	0.7	0	85	85	7201	24v 50/60Hz
RD299DRC	1.5	1.2	0	55	55	7401	110v 50Hz - 120v 60Hz
RD299DRE	2.0	2.3	0	25	25	7601	200v 50Hz - 220v 60Hz
RD299DRG	2.5	3.3	0	19	19	7701	230v 50Hz - 240v 60Hz
RD299DRH	3.0	4.5	0	10	10		

RD298/299 - RUBY seal, NO -

Media[Ⓢ]: water and liquids
 Media temperature: $-10^{\circ}\text{C} \div +130^{\circ}\text{C}$
 Ambient temperature: $-10^{\circ}\text{C} \div +50^{\circ}\text{C}$
 Seal material: Ruby
 Coil power: AC 18vA (holding)
 AC 36vA (inrush)
 DC 14w

NOTES

Ⓢ Not 100% leak-proof when used with air/gases.
 Approximate leak rate is 1,5 ml/min at max. OPD.

