

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)

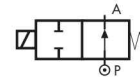
Options

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 RD298DVGNI)

Notes

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

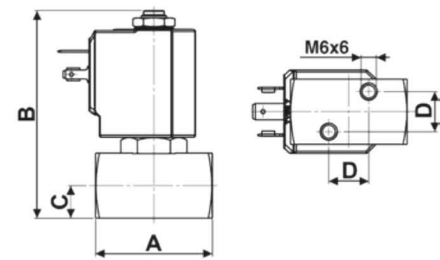
TYPE: RD298/299



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 → 2

General purpose

Valve	Nominal Ø	Flow rate Kvs	OPD			Coils class 'H' only	
			min.	max. AC	max. DC	normally closed and normally open	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/ Hz]
RD299DVA	1.0	0.6	0	30	30	7251	24 VDC
RD299DVG	2.5	3.3	0	14	14	7201	24 V 50/60 Hz
RD299DVH	3.0	4.5	0	9	9	7401	110 V 50 Hz - 120 V 60 Hz
						7601	200 V 50 Hz - 220 V 60 Hz
						7701	230 V 50 Hz - 240 V 60 Hz

RD298/299 - FKM seal, NO -

Media: water, oil, air and aggressive fluids
 Media temperature: -10 to +130 °C
 Ambient temperature: -10 to +50 °C
 Seal material: foodgrade FKM
 Coil power: AC 18 VA (holding)
 AC 36 VA (inrush)
 DC 14 W

Options

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

High pressure

Valve	Nominal Ø	Flow rate Kvs	OPD			Coils class 'H' only	
			min.	max. AC	max. DC	normally closed and normally open	
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/ Hz]
RD299DRA	1.0	0.6	0	100	100	7251	24 VDC
RD299DRB	1.2	0.7	0	85	85	7201	24 V 50/60 Hz
RD299DRC	1.5	1.2	0	55	55	7401	110 V 50 Hz - 120 V 60 Hz
RD299DRE	2.0	2.3	0	25	25	7601	200 V 50 Hz - 220 V 60 Hz
RD299DRG	2.5	3.3	0	19	19	7701	230 V 50 Hz - 240 V 60 Hz
RD299DRH	3.0	4.5	0	10	10		

RD298/299 - RUBY SEAL, NO -

Media²: water and liquids
 Media temperature: -10 to +130 °C
 Ambient temperature: -10 to +50 °C
 Seal material: Ruby
 Coil power: AC 18 VA (holding)
 AC 36 VA (inrush)
 DC 14 W

Notes

² Not 100% leak-proof when used with air/gases.
 Approximate leak rate is 1,5 ml/min at max. OPD.