

2/2 WAY PILOT OPERATED SOLENOID VALVE, G 3/8" ÷ G 3/4"

COMMON FEATURES

Media: water ①, oil, air ②

Media temperature: -10°C ÷ +130°C

Ambient temperature: -10°C ÷ +50°C

Body material: brass (CW617N EN 12165)

Orifice material: stainless steel (1.4305 EN 10088/AISI 303)

Operator material: stainless steel

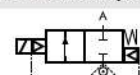
Protection class: IP 65 (with connector and gasket)

NOTES

① When using liquid fluids waterhammer and pressures higher than 20 barg can cause the diaphragm to tear

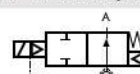
② Not 100% leak-proof when used with air/gases. Approximate leak rate is 1,5 ml/min at max. OPD

TYPE: D232÷D234

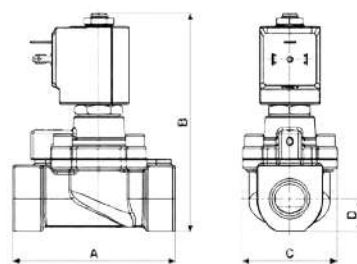


Normally Closed

TYPE: RD232÷RD234



Normally Open



Flow direction overseat 1 → 2

DIMENSIONS & WEIGHTS		D232	D233	D234	RD232	RD233	RD234
G connection	[ISO 228]	3/8"	1/2"	3/4"	3/8"	1/2"	3/4"
A	[mm]	86	86	86	86	86	86
B	[mm]	116.5	116.5	116.5	114	114	114
C	[mm]	50.2	50.2	50.2	50.2	50.2	50.2
D	[mm]	17.5	17.5	17.5	17.5	17.5	17.5
weight	[kg]	1	0.9	0.9	1	0.9	0.9

VALVE	nominal Ø	flow rate Kvs	OPD			COILS	
			min.	max. AC	max. DC		
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
D232DTW	16.5	42	1	50	50	7250	24v DC
D233DTW	16.5	46	1	50	50	7200	24v 50/60Hz
D234DTW	16.5	48	1	50	50	7400	110v 50Hz - 120v 60Hz
						7600	200v 50Hz - 220v 60Hz
						7700	230v 50Hz - 240v 60Hz

D232/233/234 - PTFE seal, NC -

Operator seal material: Ruby

Diaphragm material: FKM

Main seal material: PTFE

Coil power: AC 18va (holding)

AC 36va (inrush)

DC 14w

NOTES

Seamless tube as standard

VALVE	nominal Ø	flow rate Kvs	OPD			COILS	
			min.	max. AC	max. DC		
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
RD232DTW	16.5	42	1	50	50	7251	24v DC
RD233DTW	16.5	46	1	50	50	7201	24v 50/60Hz
RD234DTW	16.5	48	1	50	50	7401	110v 50Hz - 120v 60Hz
						7601	200v 50Hz - 220v 60Hz
						7701	230v 50Hz - 240v 60Hz

RD232/233/234 - PTFE seal, NO -

Operator seal material: Ruby

Diaphragm material: FKM

Main seal material: PTFE

Coil power: AC 18va (holding)

AC 36va (inrush)

DC 14w

OPTIONS

FKM seal version (e.g. code RD232DVW). Temperature max. 130°C - OPD max.: 25 barg AC/DC. Minimum batch may be required

VALVE	nominal Ø	flow rate Kvs	OPD			COILS	
			min.	max. AC	max. DC		
code	[mm]	[l/min]	[barg]	[barg]	[barg]	code	[Volts/Hz]
D232DVW	16.5	42	1	25	25	7250	24v DC
D233DVW	16.5	46	1	25	25	7200	24v 50/60Hz
D234DVW	16.5	48	1	25	25	7400	110v 50Hz - 120v 60Hz
						7600	200v 50Hz - 220v 60Hz
						7700	230v 50Hz - 240v 60Hz

D232/233/234 - FKM seal, NC -

Operator seal material: foodgrade FKM

Diaphragm material: FKM

Main seal material: FKM

Coil power: AC 18va (holding)

AC 36va (inrush)

DC 14w

HIGH PRESSURE

HIGH PRESSURE

COMPRESSED AIR