

VPLDRMAR – DRUVA®PUR REGULATING VALVEVALVE | PURE LINE (BRASS CHROME PLATED) | 20 m³ SERIES | DIAPHRAGM REGULATING VALVE
| MANUAL ACTUATION | 2-PORT VERSION

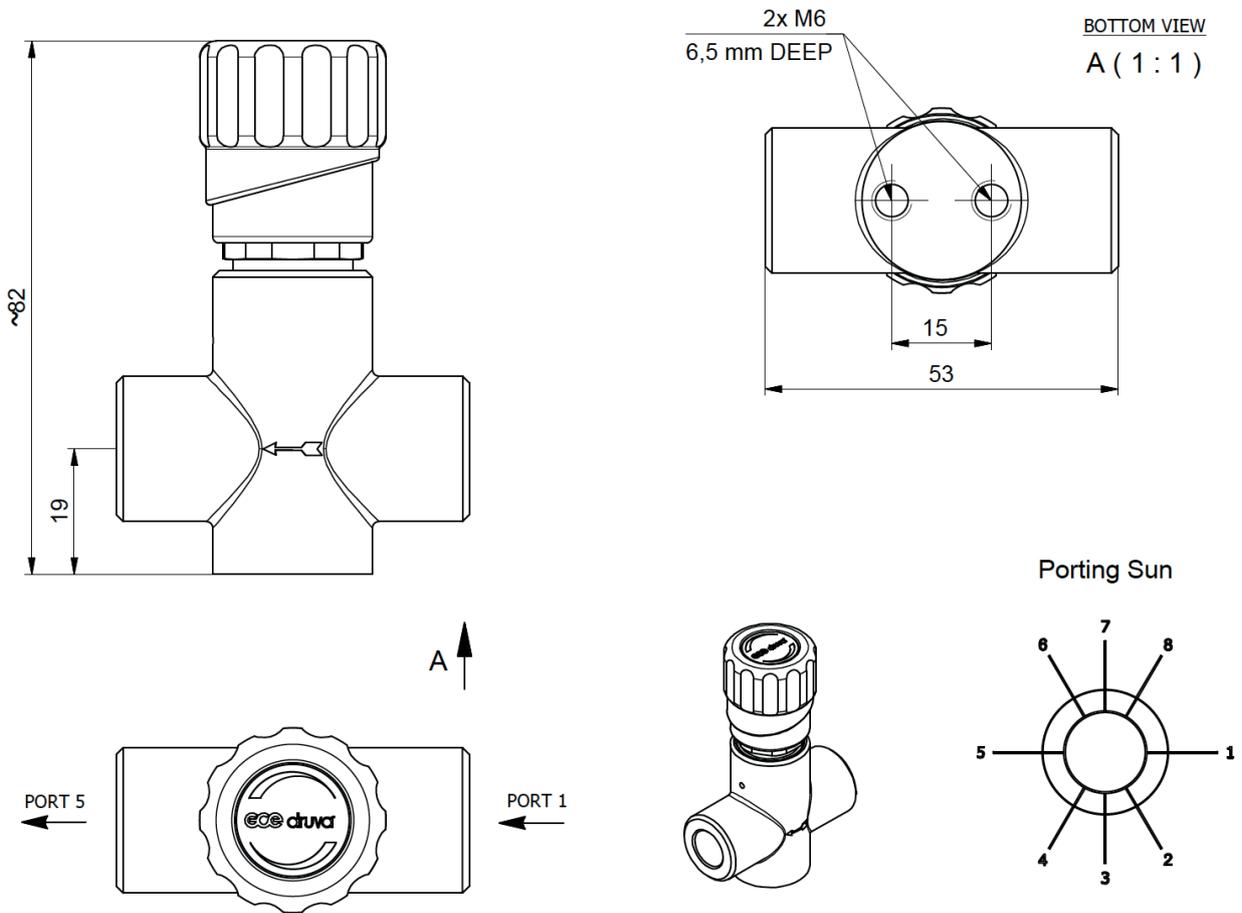
2-port metal diaphragm regulating valve is used in supply systems for pure, inert, flammable, oxidizing gases and gas mixtures. Not usable for corrosive and toxic gases and gas mixtures. Maximum gas purity is 6.0.

**SPECIAL FEATURES:**

- > Elgiloy diaphragm tightening system to atmosphere
- > Compact design

TECHNICAL DATA	
Working temperature:	-20 °C to +60 °C
Inlet / outlet ports:	1/4" NPT female Further connections – see technical drawing
Max. working pressure:	50 bar
Cv-value:	< 0,02
Seat diameter:	2 mm
Leakage rate seat:	<5x10 ⁻⁴ mbar l/s (Helium)
Leakage rate outside:	<1x10 ⁻⁹ mbar l/s (Helium)
Filter	1x for each inlet 1x for each outlet
Weight:	0,30 kg
Material gas wetted parts:	
Valve body:	Brass chrome plated
Valve diaphragm:	1x Elgiloy
Valve seat:	Metal sealing
Valve poppet:	Stainless steel
For detailed information on tests and approvals during development and production of our TEC/PUR series see DATA-SpecGeneral-EN .	

TECHNICAL DRAWING



- N14F - NPT1/4" female
- 0000 - without (Port 3 & Port 7)
- M03B - Compression Fitting ø 3 MM Brass
- M06B - Compression Fitting ø 6 MM Brass
- M08B - Compression Fitting ø 8 MM Brass
- M10B - Compression Fitting ø 10 MM Brass
- M12B - Compression Fitting ø 12 MM Brass
- M03S - Compression Fitting ø 3 MM SST
- M06S - Compression Fitting ø 6 MM SST
- M08S - Compression Fitting ø 8 MM SST
- M10S - Compression Fitting ø 10 MM SST
- M12S - Compression Fitting ø 12 MM SST
- IX2B - Compression Fitting ø 1/8" Brass
- IX4B - Compression Fitting ø 1/4" Brass
- IX6B - Compression Fitting ø 3/8" Brass
- IX8B - Compression Fitting ø 1/2" Brass
- IX2S - Compression Fitting ø 1/8" SST
- IX4S - Compression Fitting ø 1/4" SST
- IX6S - Compression Fitting ø 3/8" SST
- IX8S - Compression Fitting ø 1/2" SST

ORDER CODE:

Example for a Valve | PUR Linie | Brass Chrome Plated | Low Flow | Diaphragm regulating valve | Manual Actuation | 2-Port Version

VPL	DR	M	AR	EX	N14F (1/4" NPT female)	0000	N14F (1/4" NPT female)	0000
Type	Actuation	Porting Code	Working Pressure (bar)	Connection Port 1	Connection Port 3	Connection Port 5	Connection Port 7	
DR Diaphragm regulating valve	M Manual	AR 2-Port (1 In 5 Out)	EX 50	possible connection	0000 without	possible connection	0000 without	
				see technical drawing		see technical drawing		

Order code (as described above) without special characters or spaces! Complete Order Code **VPLDRMAREXN14F0000N14F0000**

