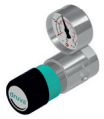
PLCM - DRUVA LAB SYSTEM

POINT OF USE | MODULAR SYSTEM
SINGLE STAGE

Special part of gas supply systems in laboratories for inert, flammable, oxidising, corrosive gases, up to purity grad 6.0, placed in furnitures or wall mounted.



Furnitury mount, no inlet valve, no outlet valve
Installation: FM
Options: 00
Inlet Orientation: 0
Outlet Port North: B



Furnitury mount, no inlet valve, outlet regulating valve
Installation: FM
Option: 00
Inlet Orientation: 0
Outlet Port North: B
Outlet Port South: R

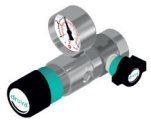


Furnitury mount, no inlet valve, outlet combi valve
Installation: FM
Option:00
Inlet Orientation:0
Outlet Port North: B
Outletport South: C

SPECIAL FEATURES

- Modular System with great variety of combinations
- Compact design
- Excellent pressure adjustment
- Designed and approved in accordance with relevant sections of CGA E-4 and ISO 10297
- Compatibility with all Lab furniture

TECHNICAL DATA	
Working temperature:	-20 °C to +60 °C
Inboard Leak rate:	$1x10^{-6}$ mbar l/s (Helium)
Leakage to atmosphere:	$1x10^{-9}$ mbar l/s (Helium)
Pressure rates line regulator:	
Nom. inlet pressure	730 psi (50 bar)
Delivery pressure	1,50 bar(g) (22 psig)
	4,00 bar(g) (58 psig)
	6,00 bar(g) (90 psig)
	10,00 bar(g) (145 psig)
	14,00 bar(g) (203 psig)
	20,00 bar(g) (290 psig)
Material gas wetted parts:	
Body:	Stainless Steel (316L) or Brass
Diaphragm:	Hastelloy
Seat:	PCTFE; FKM; EPDM; FFKM
Body/Poppet:	Stainless Steel (316L) or Brass
Spring	Stainless Steel (316L)
Filter (50 µm)	Stainless Steel (316L)
Inlet Connections	G3/8"f or NPT1/4"f
Outlet Connections	NPT1/4"f



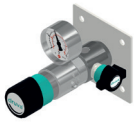
Furnitury mount, inlet valve, no outlet valve
Installation: FM
Option: S0
Inlet Orientation: 0
Outlet Port North: B



Furnitury mount, inlet valve, outlet combi valve
Installation: FM
Option: S0
Inlet Orientation: 0
Outlet Port North: B
Outlet Port South: C



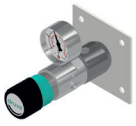
Wall mount, no inlet valve, outlet regulating valve
Installation: WM
Option: CP
Inlet Orientation: N
Outlet Port North: B
Outlet Port South: R



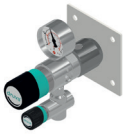
Wall mount, inlet valve, no outlet valve
Installation: WM
Option: SP
Inlet Orientation: N
Outlet Port North: B



Furnitury mount, inlet valve, outlet regulating valve
Installation: FM
Option: S0
Inlet Orientation: 0
Outlet Port North: B
Outlet Port South: R



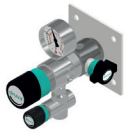
Wall mount, no inlet valve, no outlet valve
Installation: WM
Option: CP
Inlet Orientation: N
Outlet Port North: B



Wall mount, no inlet valve, outlet combi valve
Installation: WM
Option: CP
Inlet Orientation: N
Outlet Port North: B
Outlet Port South: R



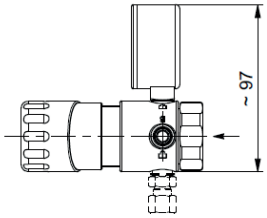
Wall mount, inlet valve, outlet combi valve
Installation: WM
Option: SP
Inlet Orientation: N
Outlet Port North: B
Outlet Port South: C



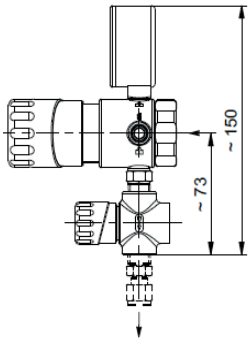
Wall mount, inlet valve, outlet regulating valve
Installation: WM
Option: SP
Inlet Orientation: N
Outlet Port North: B
Outlet Port South: R

MAIN DIMENSIONS

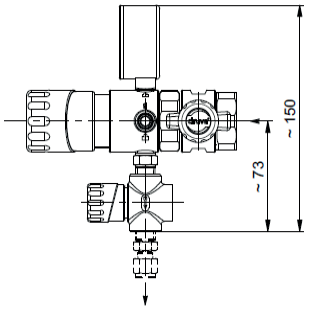
Installation - FM | Option - 00 | Inlet Orientation - 0 | Outlet Port - 0



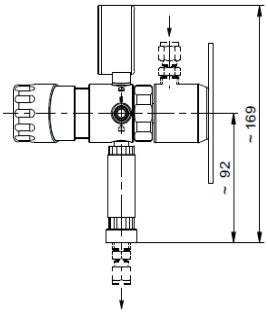
Installation - FM | Option - 00 | Inlet Orientation - 0 | Outlet Port - R



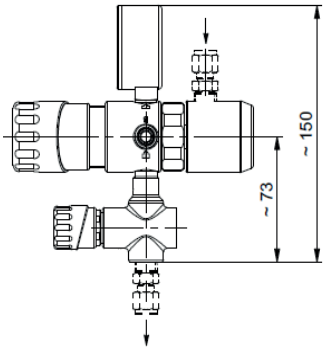
Installation - FM | Option - S0 | Inlet Orientation - 0 | Outlet Port - R



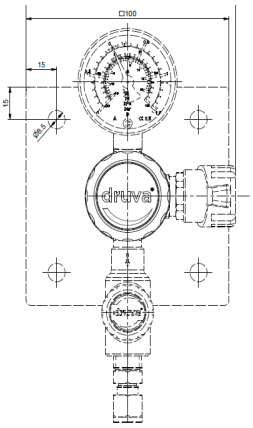
Installation - WM | Option - CP | Inlet Orientation - N | Outlet Port - F

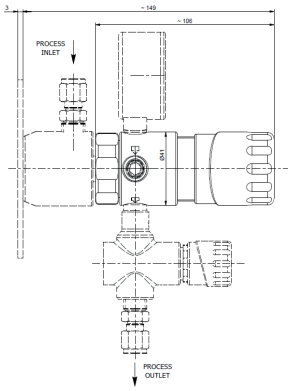


Installation - WM | Option - C0 | Inlet Orientation - N | Outlet Port - C

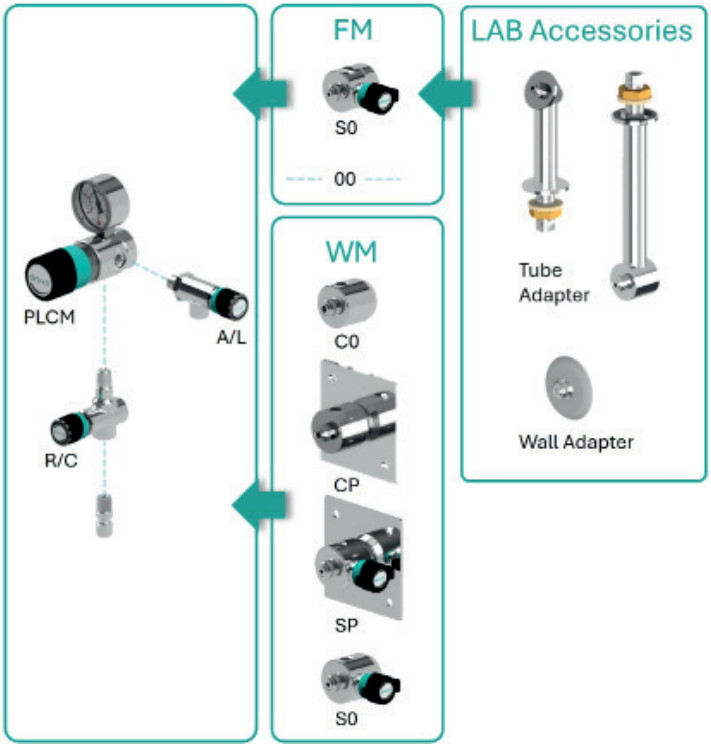


Installation - WM | Option - SP | Inlet Orientation - N | Outlet Port - C





EXPLOSION DRAWING



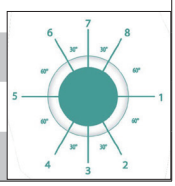
ORDER CODE

PLCM

Material Regul. Seat	Material Body	Installation	Option	Inlet Pressure	Outlet Pressure	Inlet Orientation	Outlet Port 7 (North)	Outlet Port 1 (East)
E EPDM	SS Stainless Steel	FM Furniture Mounted	00 no inlet option/ no plate	EX 50 bar (730 psi)	A1 1,50 bar(g) (22 psig)	0 Inlet Straight (for Installation FM)	0 Without (NPT 1/4 inch female)	0 Without (NPT 1/4 inch female)
V FKM	BC Brass Chrome Plated	WM Wall Mounted	S0 Inlet Shut off Valve without plate		C2 4,00 bar(g) (58 psig)	N Inlet North	1 Plug / No Port	1 Plug / No Port
K FFKM			SP Inlet Shut off Valve with plate		CX 6,00 bar(g) (90 psig)	E Inlet East	B Burdon Tube Gauge	A Regulating Valve (O-Ring) Angle
			C0 Inlet conn. without plate		D2 10,00 bar(g) (145 psig)	S Inlet South		F Safety Device Acetylene
			CP Inlet Connection with plate		DX 14,00 bar(g) (203 psig)	W Inlet West		L Combi Valve (Diaphragm) Angle
					EZ 20,00 bar(g) (290 psig)			

Continue

Outlet Port 3 (South)	Outlet Port 5 (West)	Process Inlet Connection	Process Outlet Connection	Gas Type Labels
0 Without (NPT 1/4 inch female)	0 Without (NPT 1/4 inch female)	N14F NPT 1/4 inch female	N14F NPT 1/4 inch female	0 GCE druva label
1 Plug / No Port	1 Plug / No Port	M03B Compression metric 3 mm brass	M03B Compression metric 3 mm brass	1 Gas Type Label (GCE druva labeled + gas label sheet) *(sent with Labels: O2, N2, SA, NH3, C2H2, H2, CA, He, CO2)*
C Combi Valve (Diaphragm) Straight	A Regulating Valve (O-Ring) Angle	M06B Compress. metric 6 mm brass	M06B Compression metric 6 mm brass	
F Safety Device Acetylene	F Safety Device Acetylene	M08B Compression metric 8 mm brass	M08B Compression metric 8 mm brass	
R Regulating Valve (O-Ring) Straight	L Combi Valve (Diaphragm) Angle	M10B Compression metric 10 mm brass	M10B Compression metric 10 mm brass	
		M12B Compression metric 12 mm brass	M12B Compression metric 12 mm brass	
		M03S Compression metric 3 mm stainless steel	M03S Compression metric 3 mm stainless steel	
		M06S Compression metric 6 mm stainless steel	M06S Compression metric 6 mm stainless steel	
		M08S Compression metric 8 mm stainless steel	M08S Compression metric 8 mm stainless steel	
		M10S Compression metric 10 mm stainless steel	M10S Compression metric 10 mm stainless steel	
		M12S Compression metric 12 mm stainless steel	M12S Compression metric 12 mm stainless steel	
		IX2B Compression imperial 1/8 inch brass	IX2B Compression imperial 1/8 inch brass	
		IX4B Compression imperial 1/4 inch brass	IX4B Compression imperial 1/4 inch brass	
		IX6B Compression imperial 3/8 inch brass	IX6B Compression imperial 3/8 inch brass	
		IX8B Compression imperial 1/2 inch brass	IX8B Compression imperial 1/2 inch brass	
		IX2S Compression imperial 1/8 inch stainless steel	IX2S Compression imperial 1/8 inch stainless steel	
		IX4S Compression imperial 1/4 inch stainless steel	IX4S Compression imperial 1/4 inch stainless steel	
		IX6S Compression imperial 3/8 inch stainless steel	IX6S Compression imperial 3/8 inch stainless steel	
		IX8S Compression imperial 1/2 inch stainless steel	IX8S Compression imperial 1/2 inch stainless steel	
		G38F G 3/8" female thread	H04B Hose Nozzle metric 4.8 mm brass	
			H06B Hose Nozzle metric 6.4 mm brass	
			H08B Hose Nozzle metric 8.0 mm brass	
			H04S Hose Nozzle metric 4.8 mm stainless steel	
			H06S Hose Nozzle metric 6.4 mm stainless steel	
			H08S Hose Nozzle metric 8.0 mm stainless steel	



Example of order code (as described above) without special characters or spaces! Complete Order Code PLCMVBCFMS0EXD20BA1AG38FN14M1.