

KÄYTTÖPAIKOILLAAN PDG-B 50-10-4



- Kompakti seinä käyttöpaikkaa
- Virtaus pysähtyy ja työpaine säätö
- Sopivat puhtaat kaasut
- Valmistettu anodisoidusta alumiinista

Laser, Laboratoriot ja analyysit

Domains of applications

PDG-B-käyttöpisteet on suunniteltu asennettavaksi kaasunjakeluverkon päähän laboratorioympäristössä.

Designed for implementation of:
puhtaat kaasut

Except:
hiilivedyt

Specifications

Maximal inlet pressure at 15°C..... 50 bar

Outlet Pressure..... 0.5 to 10 bar

Nominal nitrogen flow 4 Nm³/h**

Sisäinen/ulkoinen vuotonopeus $\leq 3 \times 10^{-7}$ mbar.l/s Heliumia, Käyttölämpötila: -30 °C + 50 °C: ssa.

* Happi ja hapettavat kaasut: enimmäistyöajat pressur 25 bar.

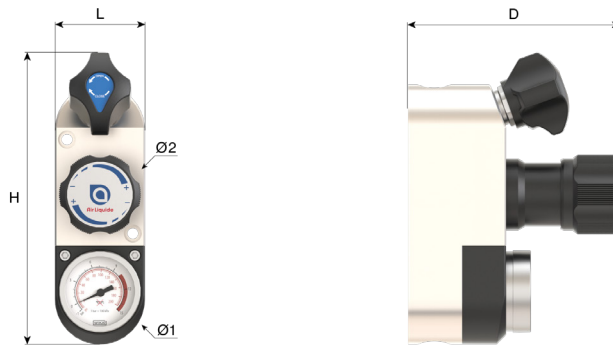
** Nimellinen tyypin virtauksen 15 °C: ssa.

Safety Alert

⚠ Varoitus! Jos käytetään hapen ja hapettavat kaasut, työpaine ei saa ylittää 25 bar.

Dimensions

Length (L) : 45 mm
 Height (H) : 145 mm
 Depth (D) : 108 mm
 Ø1 : 40 mm
 Net weight : 0.85 kg



Operating instructions

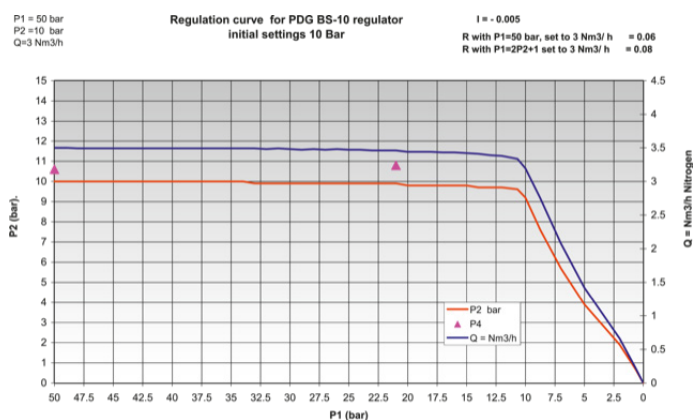
OP 450 - PDG

Connection

Inlet connection: G 3/8 BSPP naaras ylhäältä tai takaa (ristissä laipio)

Outlet connection: G 3/8 BSPP naaras pohjasta tai takaa (ristissä laipion)

Flow curve



Products





Product Number	Short Designation	Gas	Inlet Pressure	Outlet Pressure	Flow	Inlet Fitting	Outlet Fitting	Material
168689	POU PDG-B 50-10-4 IN/OUT G3/8 BSPP F	ilma, CO, CO ₂ , H ₂ , He, N ₂ , N ₂ O, Ar, O ₂	50 bar	10 bar	4 Nm ³ /h	G 3/8 BSPP naaras	G 3/8 BSPP naaras	kesärenkaat

Options

Product Number	Long designation
15978	Painemittari -1+10+15 Bar Ø 40mm Takaisinsyöttö Messinki-Cr
16516	CONN. G3/8 BSPP M NIP. F/PIPE Ø 4-6MM
16521	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 1/8" OD Brass *Flat seal PTFCE
16522	CONNECTION G 3/8" Male Compression Fitting 6 MM Br
16523	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 1/4" OD Brass *Flat seal PTFCE

Product Number	Long designation
16524	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 10mm OD Brass *Flat seal PTFCE
16526	Connector Cr-Brass G3/8 BSPP Male *Compression fitting 8mm OD Brass *Flat seal PTFCE
16558	Connector SS G3/8 BSPP Male *Compression fitting 6mm OD SS *Flat seal PTFCE
16562	COMP. FITTING G3/8" 8 MM SS
16564	CONNECTION G 3/8 BSPP Male - CF 3/8" - Stainless S

	Product Number	Long designation
	16566	Connector SS G3/8 BSPP Male *Compression fitting 1/8" OD SS *Flat seal PTCFE
	16567	Connector SS G3/8 BSPP Male *Compression fitting 10mm OD SS *Flat seal PTCFE
	16569	Connector SS G3/8 BSPP Male *Compression fitting 12mm OD SS *Flat seal PTCFE
	19286	Liitäntä G3/8 BSPP M NIP. Ø 8-10MM BR
	172812	KIT cover for PDG blue for N20 box of 3 pieces
	172813	KIT cover for PDG dark green for Ar box of 3 piece
	172814	KIT cover for PDG red for Fuel Gas box of 3 pieces

	Product Number	Long designation
	172815	KIT cover for PDG white for O2 box of 3 pieces
	172816	KIT cover for PDG grey for CO2 box of 3 pieces
	172817	KIT cover for PDG brown for He box of 3 pieces
	172818	KIT cover for PDG light green for Air box of 3 pie
	173312	SUPPORT plate for 2 PDG stainless steel 304L
	173313	SUPPORT plate for 3 PDG stainless steel 304L
	173314	SUPPORT plate for 1 PDG stainless steel 304L

Spare parts

Product Number	SP Number	Long designation
168689	15978	Painemittari -1+10+15 Bar Ø 40mm Takaisinsyöttö Messinki-Cr
	17141	FLAT SEAL in PTCFE 14,5x10x2 for outlet port G3/8
	167800	KIT of Seals flat PA 6.6 for manometer M10x1 (2 s