

Europascal GmbH

독일 하인부르크에서 2000년에 설립된 Europascal GmbH는 특정 브랜드에 얽매이지 않고 항상 최적의 제품 선택 및 구성을 제공하여 고객의 요구사항에 최적화 된 솔루션을 제공합니다.

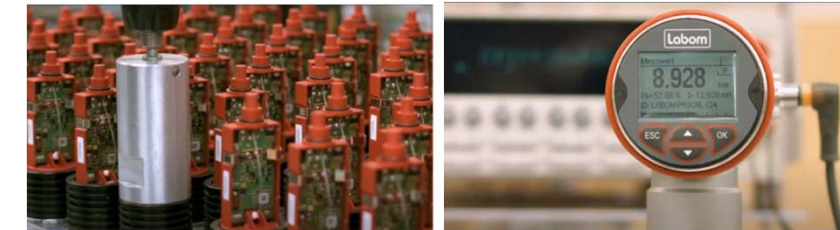
Europascal GmbH의 가장 큰 강점은 터치스크린과 같이 간단하고 정확하게 맞춤화 된 사용자 인터페이스와 사용자 별 보안 시스템 솔루션입니다.

독일 교정 서비스의 인증을 받은 최고 품질의 교정기기를 공급하고 있으며, 언제나 고객의 요구사항과 필수품을 안정적이고 신중하게 충족할 수 있도록 고객과 긴밀하고 지속 가능한 협력을 추구하고 있습니다.



LABOM Mess- und Regeltechnik GmbH

1968년 Walter Labohm에 의해 설립된 LABOM은 50년 이상 고객 중심의 개별 솔루션을 바탕으로 산업 측정 기술 분야에서 건강한 성장을 이루어냈습니다. 현재 180여 명의 직원과 40여 개국의 지사 및 협력사를 유지하고 있는 LABOM의 특별하고도 전문적인 분야는 “솔루션”의 제안입니다. 식품, 제약, 생명공학 및 화학 분야를 포함한 다양한 산업에서 압력, 레벨 및 온도를 측정하고 모니터링을 하는데 요구되어지는 거의 모든 “솔루션”을 제공할 수 있습니다. 독일 및 유럽 표준 인증을 받은 LABOM의 제품들은 독일 후대에 위치한 LABOM 본사에서 개발 및 준비되며, 재료 가공을 위한 특수 머시닝, 현대식 조립시설, 고정밀 시스템을 통하여 생산됩니다.



Hydraulic pressure generator



Model	CH2	CH1	CEH / CEO
Measurement range	0...1250 bar (18,000 psi) 0...2000 bar (30,000 psi) 0...4000 bar (60,000 psi)	0...700 bar	0...800 bar (CEH) 0...1250 bar (CEH) 0...700 bar (CEO)
Operating fluid	CH2-1250 : EP1202 CH2-2000 / 4000 : EP4000	Hydraulic oil, type EP	CEH : Hydraulic oil, type EP1201 CEO : demineralised water
Connection	CH2-1250 : 1/2" BSP internal thread CH2-2000/4000 : M16x1.5	G 1/2" internal thread	1/2" BSP internal thread
Pressure generation	Double level piston	Various volume	Single level piston

Pressure generator



Model	Air pressure comparator CA1 / CA2	Dead-weight tester BA2 / BH2
Measurement range	CA1 : -0.9...7 bar / 0...200 bar CA2 : 0...200 bar	-0.9 bar up to 4000 bar
Calibration fluid	Clean and dry air or nitrogen gas	BA2 : Clean and dry air or nitrogen BH2 : Mineral oil
Connection	Quick-mount fitting PF 1/2"	1/2" BSP female with quick manual fastening
Pressure generation	Dual stage variable volume	Stainless steel weights, 0.040 kg to 8 kg

PASCAL Ci4 INTUITIVE



Ci4100 : with threaded connection
Ci4110 : for diaphragm seal operation, hygienic
Ci4120 : for diaphragm seal operation, sturdy

Ci41 PRODUCT HIGHLIGHT

- High measuring rate up to 100 Hz
- Measurement range from 25 mbar ...400 bar
- Accuracy of 0.1 %
- Process connections in accordance with the norm or manufacturer-specific
- Hygienic and robust design
- Maximum measurement accuracy even with a diaphragm seal systems thanks to ATC technology
- Turndown of 100:1
- NAMUR-tested to NE95

Ci43 DIFFERENTIAL PRESSURE



Ci4330 : differential pressure and filling level transmitter
Ci4340 : differential pressure transmitter, high overload protection
Ci4350 : differential pressure and level transmitter, high overload protection

- Measurement range from 20 mbar ...40 bar
- Accuracy up to ≤ 0.07 %
- Reduced-volume design for diaphragm seal systems with small nominal sizes
- Max. working pressure up to 400 bar
- Simultaneous display of differential pressure and static pressure possible
- Operating software LAB4Level
- Long-term stability of 0.1% within 5 years

PASCAL CV4 HYGIENIC

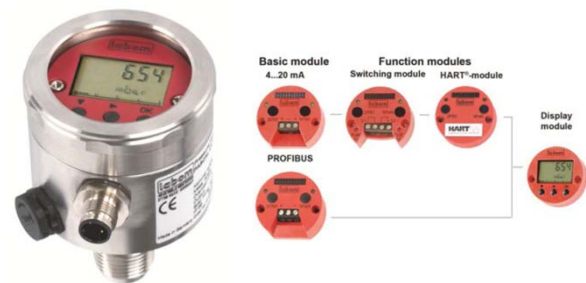


CV4100 : with threaded connection
CV4110 : for diaphragm seal operation

CV4100/CV4110 PRODUCT HIGHLIGHT

- Pressure transmitter, case stainless steel, degree of protection IP65/67
- Accuracy $\leq 0.15\%$
- High-resolution graphic display with intuitive user interface and backlight
- Comprehensive parametrisation, simulation and diagnostic functions
- Quick set-up function
- Nominal range 0.25 bar ...400 bar
- Turndown of 20:1
- Output signal 4...20mA with HART® protocol
- Output functions : liner, inverse, table function with up to 32 control points
- Process media temp. -20...100°C
- Wetted parts stainless steel
- Many process connections for hygienic and demanding applications

PASCAL CV3 MODULAR



CV3100 : with threaded connection
CV3110 : for diaphragm seal operation, hygienic
CV3120 : for diaphragm seal operation, robust

CV3 PRODUCT HIGHLIGHT

- Smart modular technology system
- Functional modules can be exchanged on site "plug and measure"
- High accuracy $\leq 0.15\%$
- Hygienic design in accordance with EHEDG
- Switching function
- Degree of protection IP66, IP69K
- Profibus, HART®

PASCAL CS MULTIFUNCTIONAL



CS2100 : with threaded connection
CS2110 : for diaphragm seal operation, hygienic

CS PRODUCT HIGHLIGHT

- Functional, rotatable, case in seamless design
- 4-digit LED display, reflectable by 180°
- Measurement range 0...100 mbar to 0...400 bar
- Accuracy $\leq 0.2\%$
- 2 isolated switch outputs
- Galvanic isolation between pressure transmitter and switch outputs
- Hygienic design pursuant to EHEDG

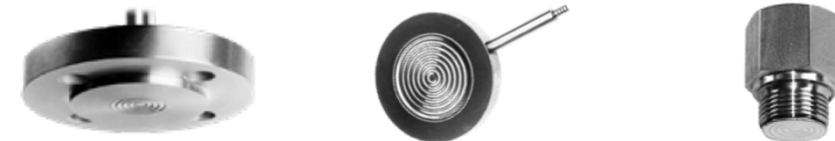
DIAPHRAGM SEALS DESIGNS

Diaphragm Seals, Hygienic Design



Model	DL8080	DL8140	DE2160	DL8110
Application	Varivent in-line access unit	HYGIENIC tubus	Screw-in thread ASEPTEIK flush-mounted o-ring	NEUMO BioControl

Membrane Diaphragm Seals, Robust Design



Model	DA1420	DC4680	DE1180	
Application	Flange diaphragm seal	Cell design	Screw-in thread	

Membrane Diaphragm Seals, for special Application



Model	DD8050	DD1100	DD4200	
Application	Welded design with screw-in thread	Variable connection system	Saddle flange version	

Inline Diaphragm Seals, Hygienic Design



Model	DF6100	DF5100	DF....	
Application	Aseptic design	DN 10 with clamp connection	Standard version	

Inline Diaphragm Seals, Robust Design



Model	DP2100	DP4100	DS1260	
Application	Flange connection cell	Flange connection, self draining	Inline diaphragm seal DN 15	

TEMPERATURE INSTRUMENT



Model	Temp. Transmitter GV4	Clamp on RTD GA26	Flush-mounted RTD GA2650	Hygienic RTD GA2540
Measuring	Pt 100	Pt 100	PT 100	PT 100
Accuracy	0.1%	Class A per DIN EN 60751	Class A per DIN EN 60751	Class A per DIN EN 60751