

**Pressure gauge**  
**Pressure gauge push button cock**  
**Pressure gauge shut-off valve**

**DUNGS®**  
Combustion Controls

## PRESSURE GAUGE

**PRESSURE GAUGE  
PUSHBUTTON COCK  
PRESSURE GAUGE  
SHUT-OFF VALVE**

Manufacturer / Owner  
of EU-Type Examination Certificate  
Afriso Euro Index GmbH  
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74363 Güglingen / Germany



### Technical Description

Pressure measuring instruments with capsule or spiral element and steel housing:

#### Display range

- **0 - 25 mbar / 0 - 600 mbar**  
Capsule element / DIN EN 837-3.
- **0 - 1 bar / 0 - 25 bar**  
Spiral element / DIN EN 837-1.

### Application

The pressure measuring instruments are used in the areas of burner monitoring, **filter status measurement, air conditioning** engineering and in laboratories. Suitable for gases of gas families 1, 2, 3 and other neutral gaseous media.

## Pressure gauge



Specification	KP, D201	RF, D201
Accuracy class	1.6 as per EN 837-3	1.6 as per EN 837-1
Display ranges	0 - 25 mbar / 0 - 600 mbar 0 - 2.5 kPa / 0 - 60 kPa zero point correction	0 - 1 bar / 0 - 25 bar 0 - 100 kPa / 0 - 2500 kPa
Housing	Sheet steel, black	
Ambient temperature	-20 °C to +60 °C	-20 °C to +60 °C
Medium temperature	-20 °C to +60 °C	-20 °C to +60 °C
Temperature-related behaviour	0.6 % / 10 K for a deviation <b>from normal temperature + 20 °C</b>	0.4 % / 10 K for a deviation <b>from normal temperature + 20 °C</b>
Pressure connection, position	radial, below	
Thread connection	G 1/2 B	
Degree of protection	IP 32 (EN 60529)	
Installation position	vertical	

Article designation	Order no.	Display range	Diameter [mm]	Measuring element	Scale value
Manometer 0 - 25 mbar	217101	0 - 25 mbar	80	capsule	25
Manometer 0 - 40 mbar	099028	0 - 40 mbar	80	capsule	40
Manometer 0 - 60 mbar	103697	0 - 60 mbar	80	capsule	60
Manometer 0 - 100 mbar	082081	0 - 100 mbar	80	capsule	100
Manometer 0 - 160 mbar	104083	0 - 160 mbar	80	capsule	160
Manometer 0 - 250 mbar	077396	0 - 250 mbar	80	capsule	250
Manometer 0 - 400 mbar	104307	0 - 400 mbar	80	capsule	400
Manometer 0 - 600 mbar	103705	0 - 600 mbar	80	capsule	600
Manometer 0 - 25 mbar	248312	0 - 25 mbar	100	capsule	25
Manometer 0 - 40 mbar	248311	0 - 40 mbar	100	capsule	40
Manometer 0 - 60 mbar	248310	0 - 60 mbar	100	capsule	60
Manometer 0 - 100 mbar	220054	0 - 100 mbar	100	capsule	100
Manometer 0 - 160 mbar	247342	0 - 160 mbar	100	capsule	160
Manometer 0 - 250 mbar	244612	0 - 250 mbar	100	capsule	250
Manometer 0 - 400 mbar	230678	0 - 400 mbar	100	capsule	400
Manometer 0 - 600 mbar	227467	0 - 600 mbar	100	capsule	600

## Pressure gauge



Article designation	Order no.	Display range	Diameter [mm]	Measuring	Scale value
Manometer 0 - 1 bar	119073	0 - 1 bar	80	spiral	1
Manometer 0 - 1.6 bar	227146	0 - 1.6 bar	80	spiral	1.6
Manometer 0 - 2.5 bar	217201	0 - 2.5 bar	80	spiral	2.5
Manometer 0 - 4 bar	052415	0 - 4 bar	80	spiral	4
Manometer 0 - 6 bar	217202	0 - 6 bar	80	spiral	6
Manometer 0 - 10 bar	227283	0 - 10 bar	80	spiral	10
Manometer 0 - 25 bar	248314	0 - 25 bar	80	spiral	25
Manometer 0 - 1 bar	240829	0 - 1 bar	100	spiral	1
Manometer 0 - 1.6 bar	240830	0 - 1.6 bar	100	spiral	1.6
Manometer 0 - 2.5 bar	248313	0 - 2.5 bar	100	spiral	2.5
	241419	0 - 4 bar	100	spiral	4
Manometer 0 - 6 bar	230679	0 - 6 bar	100	spiral	6
	247356	0 - 10 bar	100	spiral	10
Manometer 0 - 25 bar	245298	0 - 25 bar	100	spiral	25

### Application Range

	Static load	Dynamic load	Short-term	
Capsule, KP	$\triangleq$ scale value	$\triangleq$ 0.9 x scale value	$\triangleq$ 1.3 x scale value	acc. EN 837-3
Spiral, RF	$\triangleq$ 0.75 x scale value	$\triangleq$ 0.67 x scale value	$\triangleq$ scale value	acc. EN 837-1

**Pressure gauge push button cock**  
**Pressure gauge shut-off valve**



**ACCESSORIES**



**Technical Description**

**Push button cock DKH:** Manually operated shut-off device between measuring line and pressure gauge in accordance with DIN 3537-1.

Normally closed, the pressure gauge is permanently relieved of pressure. The push-button is pushed in order to apply pressure on the pressure gauge and indicate the operating pressure.

**Pressure gauge shut-off valve MAV:** Manually operated shut-off and flow control device between measuring line and pressure gauge in accordance with DIN 16270.

**Application**

Suitable for gases of gas families 1, 2, 3 and other neutral gaseous media.

**Approvals DKH**

**EU type testing certificate as per:**

- EU-Gas Appliances Regulation

Specification	DKH	MAV
Threaded connection	Rp ½	G ½ / G ½ B
Max. operating pressure	5 bar (500 kPa)	100 bar (10,000 kPa)
Ambient temperature	- 15 °C to + 70 °C	- 5 °C to + 60 °C
Housing	Nickel-plated brass	Brass
Ambient temperature	- 15 °C to + 70 °C	- 5 °C to + 60 °C
Order no.	033621	230762