

**Manufacturing range****Industrial Pressure Gauges & Transmitters**

A proved mechanism and a sturdy housing, for reliability under severe pressure and installation conditions



A wide range of reliable Pressure Gauges & transmitters

**Measuring system types**

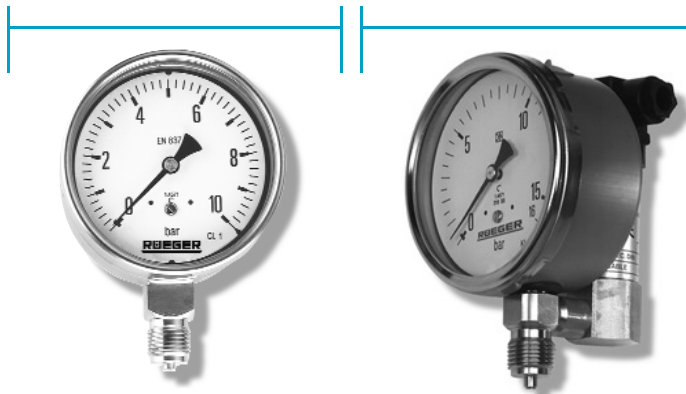
- Bourdon tube
- Capsule
- Diaphragm
- Differential
- Pressure Transmitters (see transmitters manufacturing range)

**Special models**

- For panel mounting
- With capillary tube
- With electrical or pneumatic device
- Heavy-duty design

**Applications**




- General industry
- Foods
- Chemicals
- Petro-chemicals
- Pressure Transmitters
- Heating & cooling systems
- Air conditioning systems
- Offshore
- Fossil-fuel
- Power stations
- Hydraulics
- Refrigeration



TYPES	<b>PBX</b> bourdon tube type	<b>PBE</b> bourdon tube type with integrated transmitter
APPLICATIONS	<b>General industry</b> (petro-) chemicals • offshore • fossil - fuel station • hydraulics • pneumatics • refrigeration • foods •	<b>General industry</b> (petro-) chemicals • offshore • fossil - fuel station • hydraulics • pneumatics • refrigeration • foods •
NOMINAL HEAD DIAMETERS	PBX 50, 63, 100 : $\varnothing$ 50, 63, 100 mm PBX150, 160: $\varnothing$ 150, 160 mm	$\varnothing$ 100 mm
PRESSURE RANGES	<b>PBX63, 150</b> from -1+0 to 0+600 bar  <b>PBX100, 150, 160</b> from -1+0 to 0+1600 bar	<b>PBE</b> Pressure gauge : from 0+1 to 0+600 bar
STANDARD OF ACCURACY CLASS	PBX63, 150 : $\pm 1,6\%$ PBX100, 150, 160 : $\pm 1$ & $\pm 2\%$	accuracy according to EN 837-1 Class 1
CASE & RING MATERIAL	stainless steel AISI 304	stainless steel AISI 304
WETTED PARTS MATERIAL	stainless steel AISI 316	ceramic or stainless steel 316 L
MAIN OPTIONS	<ul style="list-style-type: none"> <li>diaphragm seal •</li> <li>electrical contacts •</li> <li>liquid filling •</li> <li>solid front •</li> <li>safety glass •</li> </ul>	on request

SEALS & ACCESSORIES



		
<b>PBP115</b> bourdon tube type capsule type	<b>PCX</b> capsule type	<b>PMX</b> diaphragm type
<b>General industry</b> (petro-) chemicals • offshore • fossil - fuel station • hydraulics • pneumatics • refrigeration • foods •	low air pressure and dry gases	<b>General industry</b> (petro-) chemicals • offshore • fossil - fuel station • hydraulics • pneumatics • refrigeration • foods •
Ø 130 mm Ø 4 1/2" ANSI B40.1	Ø 100; 150 mm	Ø 100; 160 mm
<b>PBP 115</b> from -1+0 to 0+600 bar or 0+1600 bar -600+0 to 0+600 mbar	from -600+0 to 0+600 mbar	from 0+0,4 to 0+40 bar Ø 100 : 0,6 to 25 bar Ø 160 : 25 to 400 mbar
± 0,5 %	± 1,6% and ± 2%	± 1,6%
Phenol or polypropylene case	stainless steel AISI 304	stainless steel AISI 304
brass, stainless steel AISI 316 or monel	stainless steel AISI 316 or monel	stainless steel AISI 316
diaphragm seal • electrical contacts • liquid filling • solid front (std execution) • safety glass •	on request	electrical contacts • liquid filling • safety glass •

## ACCESSORIES





TYPES	<b>PMD</b> differential pressure gauges	<b>PPB &amp; PPC</b> bourdon tube type capsule type
APPLICATIONS	<b>General industry</b> (petro-) chemicals • offshore • fossil - fuel station • hydraulics • pneumatics • refrigeration • foods •	<b>Panel mounting</b> <b>Square models</b> DIN 72x72, 96x96, 144x144, 192x192 <b>Horizontal models</b> DIN 144x72, 192x96 <b>Vertical models</b> DIN 72x144, 96x192
NOMINAL HEAD DIAMETERS	Ø 100; 150 mm	See above
PRESSURE RANGES	from 0 + 4 mbar to 0 + 250 bar maximum static pressure 500 bar	<b>PPB model</b> from 0 + 0,6 bar to 0 to 600 bar from -1 + 0 bar to -1 + 24 bar <b>PPC model</b> from 0 + 0,6 mbar to 0 + 400 mbar from -6 to 0 mbar to -400 + 0 mbar
STANDARD OF ACCURACY CLASS	± 1,6% and ± 2,5%	PPB model: ± 1,0% PPC model: ± 1,6%
CASE & RING MATERIAL	stainless steel AISI 304	black steel
WETTED PARTS MATERIAL	stainless steel AISI 316	brass
MAIN OPTIONS	<ul style="list-style-type: none"> <li>• diaphragm seal</li> <li>• electrical contacts</li> <li>• liquid filling</li> <li>• safety glass</li> </ul>	

modifications reserved

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