Pressure gauge for scuba diving
Finimeter
Model 216.06.050

Applications
- Scuba diving
- Pressure measurement of breathing air or nitrox in diving equipment

Special features
- Can be used for dive depths of up to 100 m
- Compact design
- High impact resistance of the window from polycarbonate
- Scale range: 0 ... 400 bar, optionally in MPa or psi

Description
The model 216.06.050 pressure gauge meets the highest standards in terms of quality and reliability in scuba diving applications. The compact finimeter is a component of diving equipment for cylinder pressure measurement.

The instrument’s scale range of 0 ... 400 bar is easily readable due to the fine scale graduation. Through its long fade-out time, the phosphorescent dial also makes the readability easier in poor lighting conditions. For the diver’s safety, a window of shatterproof polycarbonate is used.
Specifications

Version
Based on EN 250

Nominal size in mm
50

Accuracy class
Indication accuracy per EN 250

Scale ranges
0 ... 400 bar

Permissible temperature
Ambient: -10 … +70 °C
Medium: -10 … +70 °C

Temperature effect
When the temperature of the measuring system deviates from the reference temperature (+20 °C): max. ±0.4 %/10 K of the span

Process connection
Lower mount (radial)
Male thread 7/16 -20 UNF

Pressure element
Copper alloy

Movement
Copper alloy

Dial
Plastic, phosphorescent with long fade-out time

Pointer
Plastic, black

Case
Brass, nickel-plated

Window
Polycarbonate

Options
■ Other unit, e.g. MPa or psi

Approvals

<table>
<thead>
<tr>
<th>Logo</th>
<th>Description</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>![CE logo]</td>
<td>EU declaration of conformity</td>
<td>European Union</td>
</tr>
<tr>
<td></td>
<td>Directive on personal protective equipment (PPE)</td>
<td></td>
</tr>
</tbody>
</table>

Certificates (option)

■ 2.2 test report per EN 10204 (e.g. state-of-the-art manufacturing, material proof, indication accuracy)
■ 3.1 inspection certificate per EN 10204 (e.g. material proof for wetted metallic parts, indication accuracy)

Approvals and certificates, see website
Dimensions in mm

Standard version

Ordering information
Model / Scale range / Process connection / Options

© 03/2018 WIKA Alexander Wiegand SE & Co. KG, all rights reserved.
The specifications given in this document represent the state of engineering at the time of publishing.
We reserve the right to make modifications to the specifications and materials.