

**03311-AZ****Applications:**

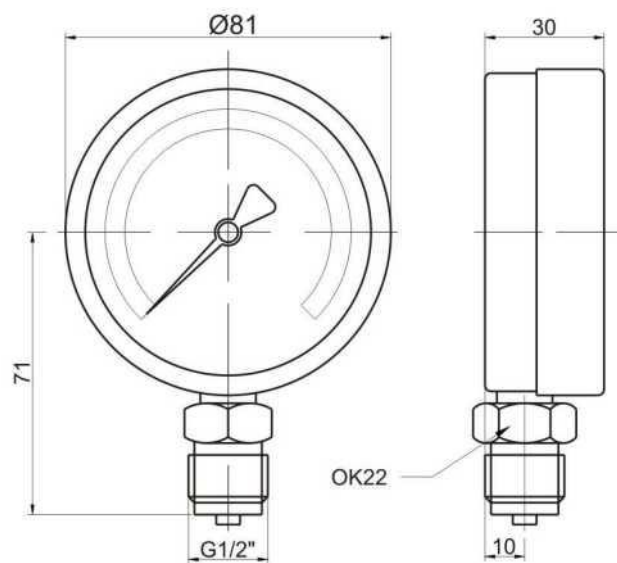
This pressure gauge is designed to measure gaseous and low-viscosity liquid substances that do not crystallise or otherwise react aggressively or corrosively with copper alloys.

Suitable for use in general industrial, heating, water and ventilation applications, and in pneumatic and hydraulic systems.

**Technical parameters:**

|                                |                                                                                                                |
|--------------------------------|----------------------------------------------------------------------------------------------------------------|
| Design                         | EN 837-1                                                                                                       |
| Nominal size                   | 80 mm                                                                                                          |
| Accuracy class                 | 1.6%                                                                                                           |
| Measurement range              | 0-4 bar to 0-25 bar                                                                                            |
| Working pressure               | static: 75% of measurement range<br>dynamic: 65% of measurement range<br>short-term: 100% of measurement range |
| Working temperature            | ambient: -20 ... +60°C<br>medium: max. +60°C                                                                   |
| Temperature effect on accuracy | if the temperature of the measuring element deviates from 20°C $\pm$ 0.4%/10K                                  |
| Movement                       | brass                                                                                                          |
| Dial                           | white, painted aluminium, black markings                                                                       |
| Pointer                        | black, painted aluminium                                                                                       |
| Window                         | glass                                                                                                          |
| Case                           | black painted steel                                                                                            |
| Measurement element            | Bourdon tube                                                                                                   |
| Connection socket              | brass                                                                                                          |
| Connection                     | bottom                                                                                                         |
| Connecting threads             | G1/2"                                                                                                          |
| Ingress protection             | IP 41 per EN 60 529                                                                                            |

\* indicates special order versions



## Type designation:

| type            | design | pressure range     | flange | mass  |
|-----------------|--------|--------------------|--------|-------|
| <b>03311-AZ</b> | dry    | 0-4 bar ÷ 0-25 bar |        | 290 g |