



TYPE APPROVAL CERTIFICATE

Certificate no.:
TAP000021A
Revision No:
2

This is to certify:
that the Pressure Gauge

with type designation(s)
DPGS40TA

issued to
WIKA Alexander Wiegand SE & Co. KG
Klingenberg a. Main, Bayern, Germany

is found to comply with
DNV rules for classification – Ships Pt.4 Ch.6 Piping systems

Application:

Product approved by this certificate is accepted for installation on all vessels classed by DNV.

Temperature range: -10°C ... +70°C (ambient), -10°C ... 90°C (medium)

Max. working press.: 0 ... 10 bar Differential Pressure / 25 bar Working Pressure

Sizes: NS100

Issued at **Hamburg** on **2025-03-12**

This Certificate is valid until **2030-03-11**.

for **DNV**

DNV local unit: **Augsburg**

Approval Engineer: **Christian Kaemmer**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

Differential pressure gauge with integrated working pressure indication and micro switches.

Pressures p_1 and p_2 act on two media chambers separated by diaphragm, this leads to an axial deflection of the diaphragm against the measuring range springs. The deflection is transmitted to the movement and to the leaf springs of the microswitches.

Technical Data

Size:	NS: 100 mm differential pressure gauge; 22 mm working pressure gauge.
Accuracy:	Differential pressure indication < 2,5% of span, optional $\pm 1,6\%$ Working pressure indication < 4% of span
Working pressure	25 bar max
Temperature range:	-10°C ... +70°C (ambient), -10°C ... +90°C (medium)

Media chamber: Aluminium or stainless steel case

Application/Limitation

The pressure gauge is type approved for monitoring and control of filters, compressors, pumps and other machinery components like marine boilers, heat transfer systems, pressure vessels, bilge-water collection, sanitary and cooling-water systems, pressure boosting systems, heating and cooling systems, fire-extinguishing systems.

The selection of the pressure gauge type premises that the pressure medium is not corrosive against wetted parts.

Type Approval documentation

Marking of product

- Manufacturer
- Manufacturing no.

Periodical assessment

For retention of the Type Approval, a DNV surveyor shall perform periodical assessment as per DNV-CP-0338 Sec.4 to verify that the conditions for the Type Approval are complied with.

To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>.