



Pressure transmitter S-20

The evolution of excellence

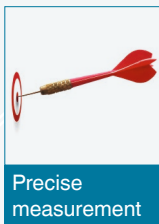


Smart in sensing

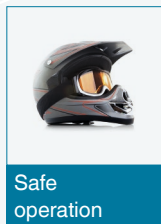
The new pressure transmitter S-20

Superior needs

The S-20 pressure transmitter is the ideal solution for users with demanding measuring requirements in general industrial applications. It promotes a very good accuracy, combined with a high performance level for safe operation and international approvals.



Precise
measurement



Safe
operation



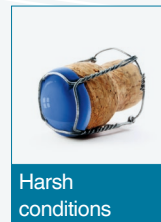
International
approvals

Extreme conditions

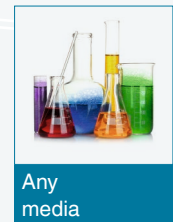
S-20 is available in an ultra-durable "heavy-duty" version which features a robust all-stainless-steel design, making it an easy task for S-20 to deal with the harshest pressure and operating conditions, the most extreme temperatures, as well as the largest variety of media.



Extreme
temperatures



Harsh
conditions



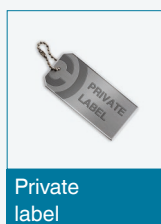
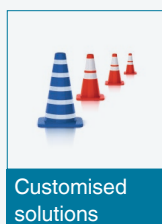
Any
media

S-20 is a superior pressure transducer for general industrial applications with small to medium quantities. It is the ideal solution for customers with critical and/or demanding measuring requirements.

S-20 features a very good accuracy, a robust design and an exceptional number of variants, meaning it can be suited to the widest range of applications.

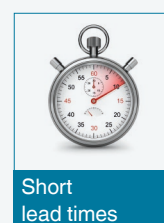
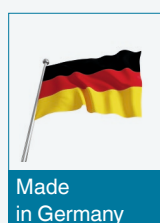
Infinite possibilities

The S-20 is available in an exceptional number of variants and can therefore be suited to the widest range of applications. Both product and production line are designed to implement new and individual versions in a manageable time and cost frame. This includes a standard process for private label.



Excellent supplier

Each S-20 transmitter must pass a final quality check at the end of our production line. The result of this check is included in a free of charge test report supplied with the unit. As a token of our excellence at WIKA we have created a micro-site for S-20, where the user can acquire information on the origin of his unit, as well as download individual product and test data. Our commitment to excellence extends to offering an almost unlimited number of variants of S-20, at the shortest delivery times possible.



Technical data

Applications

- critical industrial applications
- demanding applications in research and development
- harsh conditions in the process industry



Features and options

Precise measurement:

1 % temperature error
0.1 % zero offset
adjustable zero point

Safe operation:

Performance level
MTTF > 100 years

Extreme temperatures:

200 °C media temperature
-40 ... 125 °C ambient temperature

Harsh operating conditions:

5 times overload
1 ms settling time
IP 68 connector
All stainless steel design
40 g vibration resistance

Free of charge test report

Specifications

Pressure ranges:

0.4 bar ... 1,600 bar gauge, vacuum and absolute pressure

Units:

bar, psi, MPa, kPa, kg/cm²

Output signals:

4 ... 20 mA, DC 0 ... 10 V, ratiometric, inverted and many other signals

Electrical connections:

Angular connector DIN 175301-803 A or C
circular connector M12 x 1
several heavy duty connectors and cable outlets

Pressure connections:

23 state of the art pressure connections

Non-linearity:

0.125 % BFS_L, 0.25 % BFS_L, 0.5 % BFS_L

Data sheet

PE 81.61



Smart in sensing

WIKA Alexander Wiegand SE & Co. KG

Alexander-Wiegand-Straße 30 · 63911 Klingenberg · Germany
Tel. +49 9372 132-0 · info@wika.de · www.wika.de