



Specifications for gauge

Nominal size: 100 – 160

Accuracy class (EN 837-1/6): 1,6 - 1,0

Operating temperature range: Medium: Max. 200 °C
Ambient: -20/+60 °C

Degree of protection: IP65 (EN 60529)

Ranges: See ordering table

Connection: Stainless steel 316L, bottom, 1/2" BSP

Measuring element:

Bourdon tube, stainless steel 316 Ti/316L

≤ 60 bar: "C" type tube

> 60 bar: Helical tube

Tightness-tested with helium

Movement: Stainless steel

Dial: Aluminium, white, Scaling black

Pointer: Aluminium, black

Housing: Stainless steel 304, with blow-out

Bayonet type bezel: Stainless steel 304

Window: Acrylic

Specifications for transmitter

Housing connector DIN 43650 IP65

Output signal: 4-20 mA two wire transmission

Error due to supply voltage changes: 0,005 %/V

Supply voltage: 10,5-36 V DC (rated 24V DC)

Process temperature limit: -40 / 120°C direct

Thermal compensation range: -10 / 80 °C

Relative humidity: 0 / 98%

Vibration during operation: max 4g

Diaphragm: Stainless steel 1.4435 (316L)

Sensing module: Stainless steel 1.4404 (316L)

Casing for electronic parts: Steel pipe, 1.4301 (304)

Protection degree casing: IP65 (EN 60529:2003)

Options

- Safety glass
- Glycerine filling for T.amb. -25/+60°C
- Silicon oil filling for T.amb.-40/+60°C
- Mounting with diaphragm seal (see related datasheet)
- Digital display for transmitter (see related datasheet)

Available certification

- 2.1 certificate of conformity
- 3.1 material certificate
- Test certificate for indication accuracy

How to order

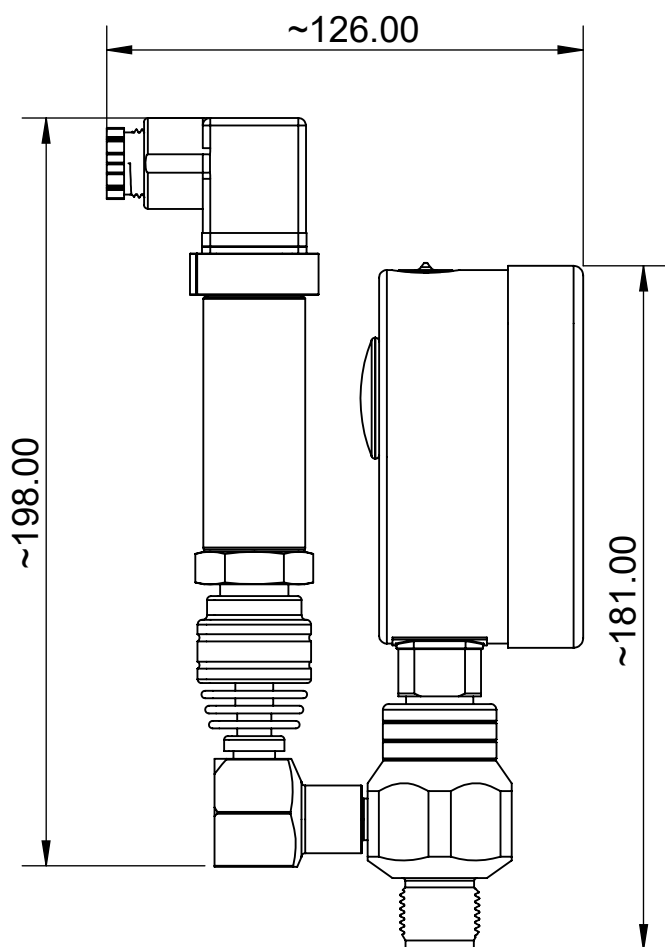
Please specify: model, dial size, range, connection options, certificates

Example: TR200, 100mm, 0/10 bar 1/2" BSPM

Introduction

The TRANSPRESS 200 is a robust and reliable pressure gauge designed for both local and remote pressure monitoring applications. It features a standard analog dial for on-site readings, combined with an integrated 4–20 mA current output transmitter, enabling seamless communication with remote data acquisition systems

This dual-functionality allows users to visually monitor pressure levels at the point of measurement while simultaneously transmitting real-time data to centralised monitoring or automation systems, ensuring both operational convenience and efficient system integration.



Electrical connection	
PIN No.	2 wire
1	+ supply
2	4-20 mA
3	not fitted
	to case

Ranges														
bar	-1/0	-1/+0,6	-1/+1,5	-1/3	-1/+5	-1/+9	-1/+15	0/0,6	0/1	0/1,6	0/2,5	0/4	0/6	0/10
	0/16	0/20	0/25	0/40	0/60	0/100	0/160	0/250	0/280	0/300	0/400	0/400	0/1000	0/1600

Other ranges and dual scales available on request