



Warning

Please read the operating instructions carefully before commissioning the pressure transmitter. The guarantee is invalid in respect of damage resulting handling or inappropriate use. We accept no responsibility for consequential damages resulting from any of the above.

The device must be installed and dismantled only by qualified personnel.

The relevant country-specific harmonised safety regulations must be observed.

The customer must ensure compliance with device-specific requirement relating to the protection standard.

Factory setting

Pressure 0, output signal $\leq 100 \mu\text{A}$ or 4 mA or $\leq 50 \text{ mV}$ at voltage output.

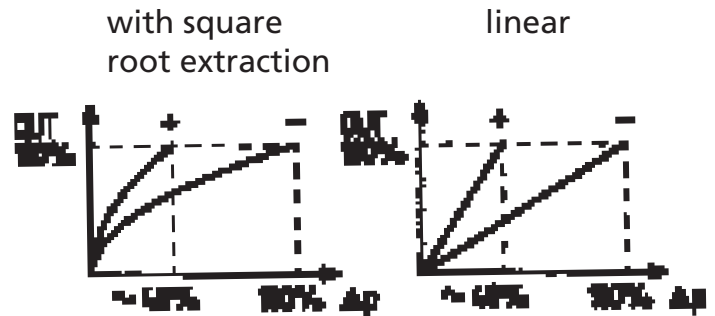
Maximum pressure = maximum output signal.

Adjustable version

Attention: Only versions whose product numbers have the following digits at the 5th and 6th place after the dot can be calibrated:

694.9XXX21(23/24/25/31/35)XXX.

(ZP not adjustable.)



Full scale adjustable with potentiometer from 40 % to 100 %.

Installation arrangement



Recommended installation arrangement: vertical, with pressure connections facing downward (factory calibration).

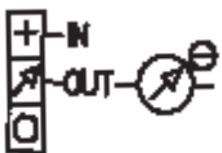


Horizontal, cover facing downward. Signal approximately 10 Pa higher than actual pressure.

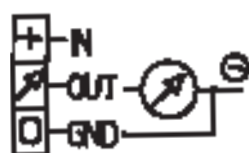


Horizontal, cover facing upward. Signal approximately 10 Pa below than actual pressure.

2-wire



3-wire



Electromagnetic compatibility

Type of interference	Test standard	Effects
Electrostatic discharge ESD	EN 61000-4-2 8 kV air discharge / 4 kV contact discharge	no failure (criterion B)
High-frequency electromagnetic radiation (HF)	EN 61000-4-3 0.15 ... 80 MHz, 10 V/m	no effect (criterion A)
Fast transients (Burst)	EN 61000-4-3 $\pm 2 \text{ kV}$	no failure (criterion B)
Conducted interference Radiation from housing	EN 55022 0.15 ... 30 MHz 30 ... 1 000 MHz	no effect no effect