

Pressure Transmitter PS 700

PS700 is a pressure sensor with chemical type and plastic structure. It is a compact, economical, industrial-grade pressure measuring product. Integrated ASIC evaluated ceramic piezoresistive sensing unit, With high precision, corrosion resistance and other characteristics, Suitable for most corrosive media and harsh environments.

Easy installation and maintenance

- * Easy installation and maintenance
- * Plastic appearance structure, beautiful and corrosion resistant
- * Integrated mechanical and electrical structure
- * Electrical interfaces comply with international ISO standards
- * G thread Union joint, Quick installation

High safety performance

- * Protection level IP65
- * Ex explosion-proof product can be customized according to use requirements
- * Anti-corrosion liquid connection configuration, prevent leakage
- * Large size induction hole can prevent clogging

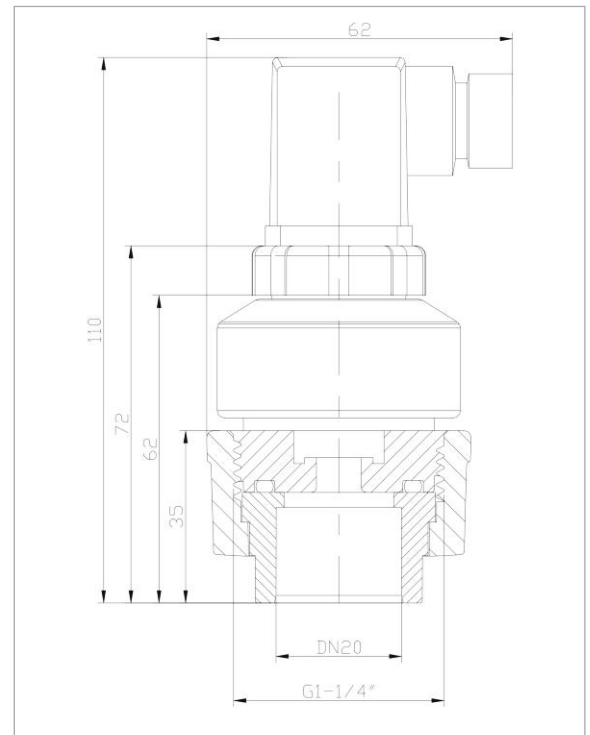
High Flexibility

- * Range: 0... 0.3bar, 0.6bar, 1bar, 2.5bar, 4bar, 5bar, 6bar, 10bar, 16bar
- * Material: PVC-U, PVC-C, PP, PVDF
- * Sealing material: EPDM, FPM, FKM
- * Connection size: G1-1/4, DN20
- * Connection criteria: DIN, JIS, ANSI
- * Different measurement ranges can be customized, including absolute pressure

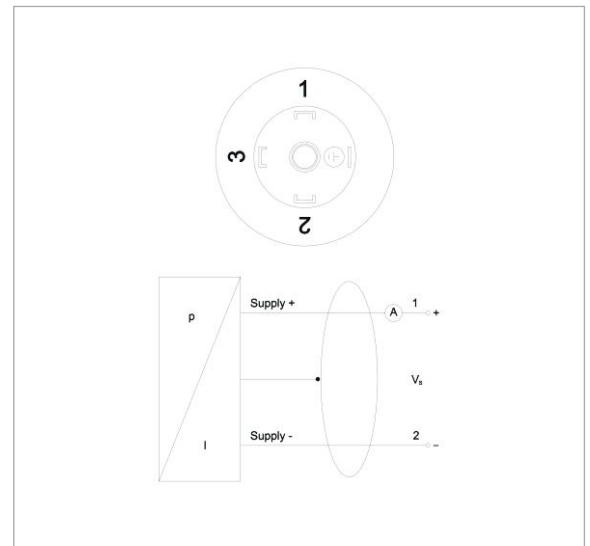
The best performance

- * Liquid junction diaphragm: AL203 96%
- * METALLUX high stability sensor unit is adopted
- * Temperature compensation for calibration of laser resistance adjustment process to ensure measurement accuracy
- * Accuracy: 0.25%, 0.5% FS
- * Overload: 200% FS
- * Output signal: 4... 20 mA
- * Power range: 24V/DC
- * Wiring mode: 2-wire
- * Ambient temperature: -10... 80°C
- * Relative humidity: 20... 80%

Size data



Wiring diagrams



* When the electrical plug is absolutely sealed, the air guide cable should be used.