

Submersible/Hydrostatic Level Transmitter PEK605



Introduction

PEK605 Stainless Steel Submersible Transmitter with Pressure sensor is suited for level measurement of in open tanks, containers or reservoirs. PEK605 is available with a HART-Interface.

Area of Application

- Water supply
- Sewage treatment
- Level monitoring in open tanks
- Depth or level measurement in wells and open waters
- Ground water level measurement

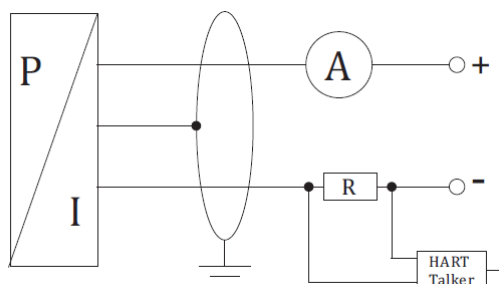
Performance

- Inside three protection function, avoid condensation
- Flush diaphragm, Sample cleaning
- Wide range measurement
- Excellent repeatability
- Long term stability
- Suitable for all fluids which are compatible with stainless steel

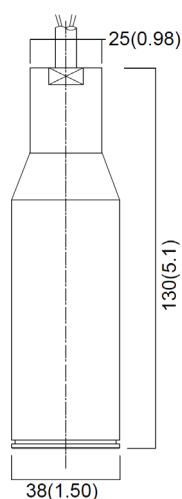
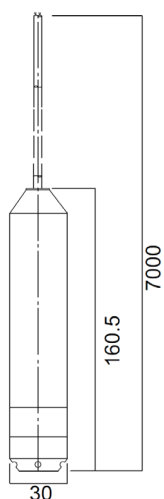
Technical Data

| | |
|-------------------------------------|---|
| Accuracy | 0.25 Fulls Scale |
| Over Pressure | 1.3 times FS |
| Supply voltage | 12 ... 45 VDC |
| Output signal | Analog signal (mA) 4.....20 Analog signal with HART (mA) 4.....20 |
| Damping | 0 to 100 s, step: 0.1 s |
| Communication resistance | Typical 250 Ω |
| Insulation resistance | >250M Ω |
| Short-Circuit protection | Permanent |
| Reverse polarity protection | No damage, and no function |
| Overvoltage protection | 500 V |
| Humidity | 5 .98% |
| Ambient and operation | -20-70 C |
| Storage | -30-85 C |
| Ingress protection | IP 68 |
| Electromagnetic compatibility (EMC) | compliance with IEC 61000-4-3:1995 |
| Housing | Stainless steel |
| Cable Sheath | PVC |
| Installation Position | any |
| Weight | Approx. 1.5 Kg |
| Option | LCD |

Wiring Diagrams



Dimension (Dimensions in mm)



Length of transmitter is 130mm

Diameter of PVC cable is 7.4mm

Diameter of transmitter is 38mm

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