



YPL INSTRUMENTS PVT. LTD.

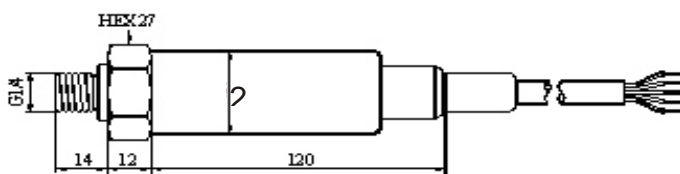
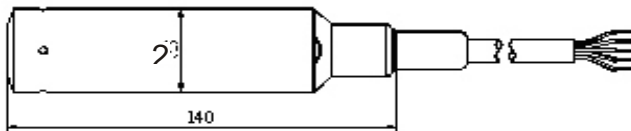
HYDROSTATIC LEVEL TRANSMITTER: YPL-HLT22

Introduction

YPL-HLT22 of level transmitter feature reliable and highly accurate Liquid level measurement for water, diesel and gasoline and mild corrosive liquid. This series adopt stainless steel housing ,high performance sensor and ASIC to ensure a wide range of application. Vented inside cable are provided as air reference. The products have been approved with intrinsic safety certificate, explosion proof certificate and CE certificate.

Features

- Accuracy : $\pm 0.10, \pm 0.25, \pm 0.5$ % F.S
- OEM Provided
- Multiple measurement range and signal output
- Submersible & Fixed installation
- Non-polarity two wire current output
- Intrinsic safety certificate, explosion proof certificate and CE certificate
- Electromagnetic interference proof



Technical data

| Items | Specifications | | Remark |
|--------------------------|--|-----------------|------------------------------|
| Measurement range | 0~3~200m H ₂ O | | 1mH ₂ O = 9.81kPa |
| Overload pressure | 1.5 times of full range | | |
| Failure pressure | 3 times of full range | | |
| Accuracy | $\pm 0.1\%$ F.S, $\pm 0.25\%$ F.S , $\pm 0.5\%$ F.S | | |
| Stability | Typical value: 0.1%F.S,Maximum value: 0.2%F.S | | |
| Operation temperature | -40~85 | | |
| Compensating temperature | -10~70 | | |
| Medium Compatibility | All corrosive medium compatible with 1Cr18Ni9Ti and 316L | | |
| Electrical feature | Two-wire type | Three-wire type | |

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|----------------------|---|--------------|--------------|----------------------------------|
| Signal output | 4~20mA | 0~5V | 0~10V | |
| Power supply | 10~36V DC | 10~36V DC/AC | 12~36V DC/AC | V DC/AC means both use DC and AC |
| Load resistance | (U-10)/0.02(ohms) | >100kohms | | |
| Insulation | >100M Ohms@50V | | | |
| Electrics feature | Protection rank: IP68 | | | |
| IP rate | G1/4,submersible | | | |
| Response time | 10ms | | | |
| Pressure junction | Gauge pressure and absolute pressure | | | |
| Certification | Explosion proof certificate, CE certificate | | | |
| Medium Compatibility | Electromagnetic radiation: EN50081-1/-2; Electromagnetic sensitivity : EN50082-2 | | | |
| Lightning proof | Air-conduction pressure 8000V, Conduction pressure of shell and cable : 4000V | | | |