Weatherford®

Production Optimization

# HLU Universal High-Low Pilot

Weatherford's model HLU high or low-pressure pilot is designed to protect equipment and installations against abnormal pressures. The assembly operates as a normally open block-and-bleed device for sensing undesirably low or high-pressure conditions. The sensing element can be readily converted from one pressure range to another by reconfiguring its components. All needed parts and diagrams are included with every assembly and conversion can be made by field personnel as operating requirements change.

The pilot body is patterned after the HL-2 design which has years of proven reliability and reflects the same high precision and quality all Weatherford products are known for.

## Features

- Meets all pressure ranges
- Single assembly with storage for unused parts
- Easy field conversion to choice of four available options
- Cost effective ability to modify eliminates need to rebuy
- Complete range of pressure settings within a compact package
- Four unique configurations to respond to pressures ranging from 25 to 10,000 PSI *(1.7 to 689.5 BAR)*
- Constructed of materials in accordance with NACE MR0175-91
- Standard type 316 stainless steel components can be fabricated from practically any alloy, including:
  - Hastelloy
  - Monel
  - Inconel
  - Duplex

One pilot for all pressure ranges.

**Weatherford International Ltd.**
515 Post Oak Blvd., Suite 600
Houston, Texas 77027 USA
Tel: 281-348-1000
ep-weatherford.com

 

# *HLU Universal High-Low Pilot*

## *Ordering Information*

| Part Number | Description |
|---|---|
| 434201 (PSI/*BAR*) | Low pressure sense head assembly, 25 to 150 *(1.7 to 10.3)* |
| 434202 (PSI/*BAR*) | Intermediate pressure sense head assembly, 100 to 600 *(6.9 to 41.4)* |
| 434203 (PSI/*BAR*) | Medium pressure sense head assembly, 400 to 2,500 **(27.6 to 172.4)** |
| 434204 (PSI/*BAR*) | High pressure sense head assembly, 1,600 to 10,000 *(110.3 to 689.5)* |

## *Specifications*

| | |
|---|---|
| Supply pressure (PSI/*BAR*) | 125 *(8.5)* maximum |
| Operating temperature (°F/°C) | -20 to 250 *(-29 to 120)* |
| Weight (lb./*kg*) | ~3.7 *(~1.7)* |
| Production test pressure | 1.5 x sensed pressure (10,000 PSI minimum) |
| Set point repeatability | <1% of set pressure |
| Hysteresis or deadband | <10% of full range |

**Weatherford International Ltd.**
515 Post Oak Blvd., Suite 600
Houston, Texas 77027 USA
Tel: 281-348-1000
ep-weatherford.com

 