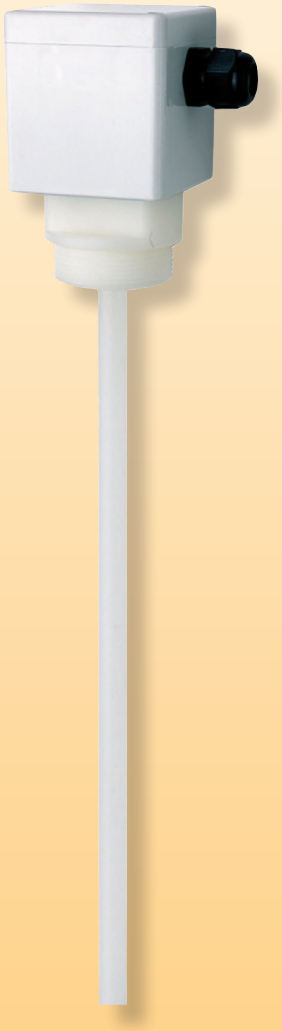
Hydrostatic Pressure Level Switch

measuring • monitoring • analyzing

NLP



- Suitable for a Wide Variety of Media
- No Moving Parts and Minimal Maintenance
- No External Power Required
- Process Connection: 1" NPT, G1
- Max. Process Temp: 158 °F
- Switching Range up to 16 ft
- Switch Rating: 250 VAC, 1A

KOBOLD companies worldwide:

ARGENTINA, AUSTRIA, BELGIUM, BULGARIA, CANADA, CHILE, CHINA, COLUMBIA, CZECH REPUBLIC, EGYPT, FRANCE, GERMANY, GREAT BRITAIN, HUNGARY, INDIA, INDONESIA, ITALY, MALAYSIA, MEXICO, NETHERLANDS, PERU, POLAND, ROMANIA, SINGAPORE, SOUTH KOREA, SPAIN, SWITZERLAND, TAIWAN, THAILAND, TUNISIA, TURKEY, USA, VIETNAM

KOBOLD Instruments, Inc.
1801 Parkway View Drive
Pittsburgh, PA 15205
Main Office:
1.800.998.1020
1.412.788.4890
info@koboldusa.com
www.koboldusa.com

2/06-2013

Description

The KOBOLD NLP Hydrostatic Pressure Level Switch excels in level control in open tanks where suspended deposits are present. Operation of the switch is based upon the change in hydrostatic pressure within the standpipe. When the media rises or falls to the desired level, the changing air pressure within the tube reacts on the internal diaphragm, actuating or de-actuating the SPDT contact within the switch housing. The switchpoint can easily be adjusted in the field by turning a screw located within the switch housing.

Features

- **Suitable for a wide variety of free-flowing liquids in open tanks**
- **No moving parts**
- **Polypropylene or PVDF wetted parts**
- **No external power required**
- **Minimal maintenance required**

Technical Details

Process Connection:	1" NPT, G1
Max. Process Temp:	158 °F
Switch Rating:	250 VAC, 1A
Fitting/Tube Material:	Polypropylene or PVDF
Protection:	IP65
Stand-pipe Length:	3 ft, 6 ft, 10 ft, or custom up to 16 ft
Cable Gland:	M20

Ordering Details		
NLP-	= Level Switch	
P	= Polypropylene	**Material**
T	= PVDF	
R	= G1, male	**Process Connection**
N	= 1" NPT	
X	= custom	
0	= tubeless, internal G 3/8 thread	**Measuring Tube**
1	= 3 ft	
2	= 6 ft	
3	= 10 ft	
X	= custom (please specify length)	
NLP-P-N-1		Example NLP Order Code