

## Description

UPC6 fluid level transducer is a fully sealed transducer with stainless steel housing, and constructed by gauge pressure sensor with high accuracy and high reliability. The stainless steel cap on the housing top not only protect the pressure diaphragm, but also cause the fluid to contact diaphragm freely.

Using high quality sensor, exquisite sealing technology as well as assembly techniques have guaranteed this product's outstanding quality and performance.

## Features

- Fully sealed structure
- Stable performance, good long-term stability
- Submerible measurement type
- Cable connection, good ability of oil resistant, water resistant

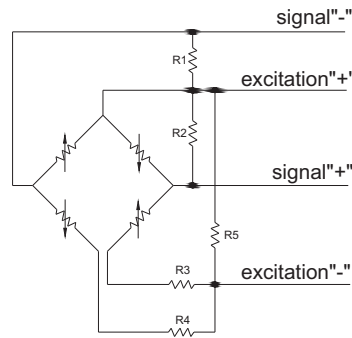


## Specifications

pressure medium	gas or liquid compatible to stainless steel
measuring ranges	0~1mH <sub>2</sub> O...200mH <sub>2</sub> O
measuring mode	submerible
overload pressure	150%FS
output signal	≥70mV
accuracy	0.25%FS(standard), 0.5%FS
zero offset	≤±2mV
long-term stability	<0.5%FS/year
excitation	1.5mA or 5V DC
compensated temperature range	-10~+70°C
operating temperature range	-30~100°C
storage temperature range	-40~100°C
temperature coefficient of zero	0.2%FS/10°C
temperature coefficient of span	0.2%FS/10°C
input/output resistance	2~6kΩ
insulation resistance	100MΩ@50VDC
electrical connection	Φ7.2mm PUR shielded cable with vent hose
material of wetted part	1Cr18Ni9Ti
material of pressure membrane	316L
material of housing	1Cr18Ni9ti
sealing	nitrile-butadiene rubber(standard) or fluoro-rubber sealing ring
protection	IP68

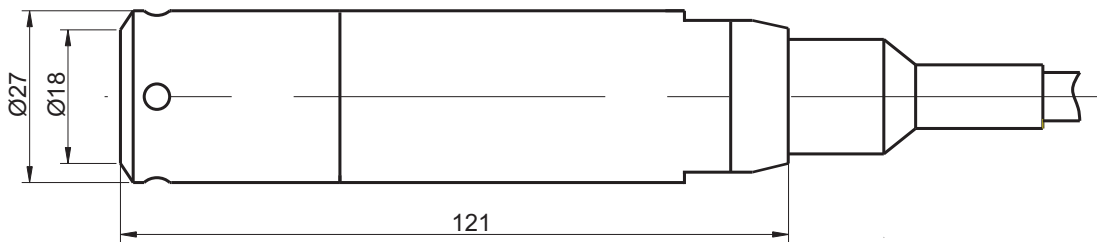
## Electrical connection

connection	cable color
excitation“+”	red
excitation“-”	black
signal“+”	green
signal“-”	white



note: please refer to the user manual for the actual wiring

## Dimensions



## Ordering code

UPC6			
	range	measuring range: 0~1mH <sub>2</sub> O...200mH <sub>2</sub> O	
	(0~X)LmH <sub>2</sub> O	X: actual measuring range; L:cable length, suggested L-X=(1~2)m	
	code	accuracy	
	C	0.25%FS (standard)	
	D	0.5%FS	
		code	excitation
		S1	1.5mA
		S2	10VDC
UPC6	(0~10)12mH <sub>2</sub> O	C	S2