KWL

Hydrostatic head level transmitter

Suitable for use in waste water
Accuracy ±0.5%
Range 1 ÷ 200 m H2O
IP rating (wetted part): IP68
Power supply 12÷30Vdc (2-wires)
Optional IP67 aluminum housing

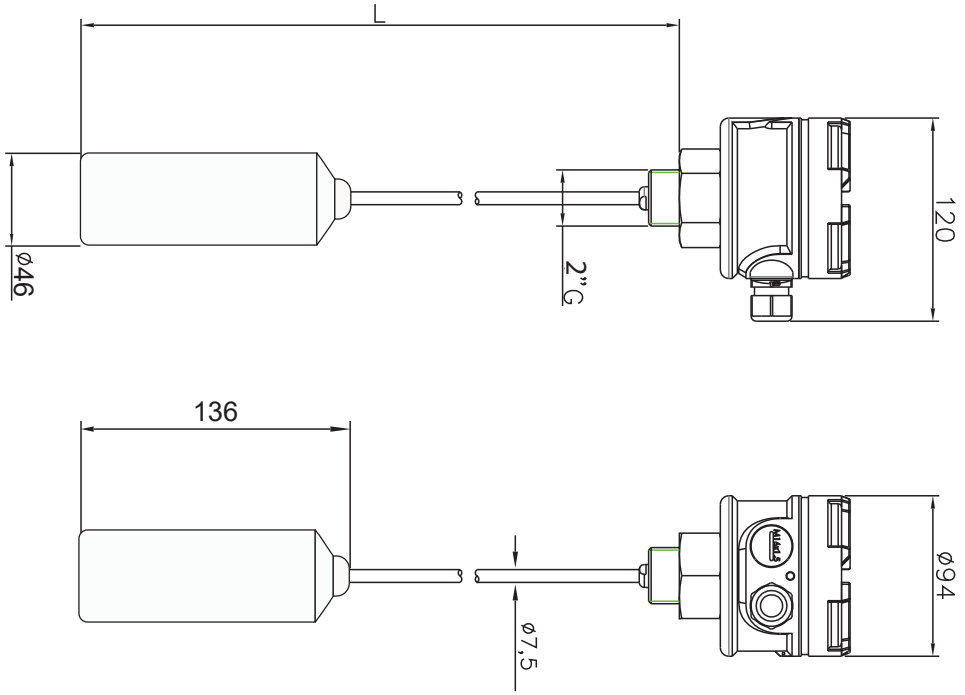
KWL is a great reliability level measurement for liquids. Typical application are waste water even with sludge presence. The hydrostatic level measurement uses the direct relationship between the heigth of the column of liquid and the pressure on the sensor diaphragm. The variation of level/pressure measured is transmitted by 4 ÷ 20 mA signal.

Technical Feature

Power supply
12÷30Vdc (2-wire)
Maeasure range
from 0÷0.4mH2O to 0÷200mH2O
Immersed probe material
PVC
Shielded cable material
PU Ø7.5mm
Housing material (opt)
aluminum

Process connection
2”GAS M; suspension cable; self-supporting fastening hook (opt.)
Analog output
4÷20mA
Stability
±0.1% fs /12 months
Accuracy
±0.5%

Working temperature
-10° ÷ +50°C
Storage temperature
-20° ÷ +70°C
Wetted part protection
IP68
Housing protection vers. KWLC
IP67



KWL Hydrostatic head level transmitter

Suitable for wastewater applications - IP68
Capacitance sensor - Immersed probe material (ø 46 mm): PVC
Gold-plated ceramic diaphragm - PU ø 7,5mm shielded cable
FPM (Viton) sealing
Operation temperature: - 10° ÷ + 50°C
Power supply: 12÷30Vdc
Wire-loop connection (2-wire) - Output: 4÷20mA
Accuracy: ± 0,5% F.S.

	Version	
	A	Standard - Suspension type without connection head - IP68
	C	Cable extension with IP67 aluminum enclosure. G 2" connection in PP
	G	Suspension type without connection head - IP68 with anchor hook (cod 835A001A)
	Z	Special

	Measure range	
	402	0 ÷ 0,4m H2O gauge pressure
	103	0 ÷ 1m H2O gauge pressure
	203	0 ÷ 2m H2O gauge pressure
	503	0 ÷ 5m H2O gauge pressure
	703	0 ÷ 7m H2O gauge pressure
	104	0 ÷ 10m H2O gauge pressure
	204	0 ÷ 20m H2O gauge pressure
	254	0 ÷ 25m H2O gauge pressure
	504	0 ÷ 50m H2O gauge pressure
	704	0 ÷ 70m H2O gauge pressure
	105	0 ÷ 100m H2O gauge pressure
	205	0 ÷ 200m H2O gauge pressure
	999	Special

	Cable length	
	502	5 m
	103	10 m
	153	15 m
	203	20 m
	253	25 m
	303	30 m
	353	35 m
	403	40 m
	503	50 m
	603	60 m
	999	Special