



Suitable for use in waste water
 Accuracy $\pm 0.5\%$
 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 height 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)

Measurement 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

$\pm 0.1\%$ fs /12 months

Accuracy

$\pm 0.5\%$

Working temperature

-10° ÷ +50°C

Storage temperature

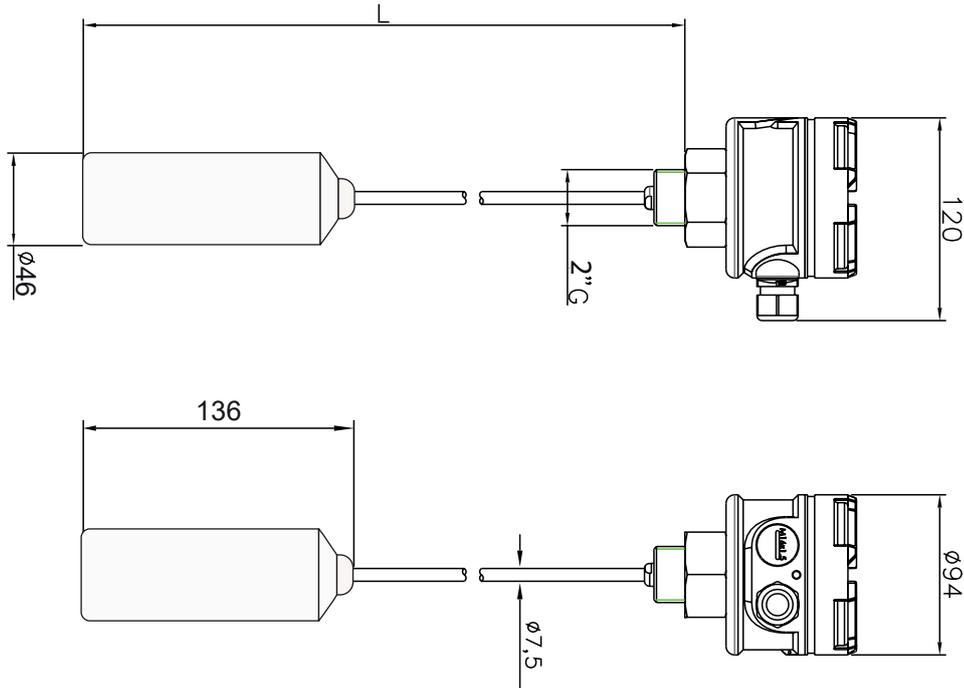
-20° ÷ +70°C

Wetted part protection

IP68

Housing protection vers. KWLC

IP67



KWL

Hydrostatic head level transmitter

- Suitable for wastewater applications - IP68
- Capacitance sensor - Immersed probe material (ϕ 46 mm): PVC
- Gold-plated ceramic diaphragm - PU ϕ 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: \pm 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
104	0 ÷ 10m H2O gauge pressure
204	0 ÷ 20m H2O gauge pressure
504	0 ÷ 50m 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