



SENSORS &
CONTROLLERS



ANALYZERS
& SAMPLERS



LEVEL, FLOW
& PRESSURE



WEB APP &
DATALOGGING



ACCESSORIES

KWL DATASHEET

HYDROSTATIC HEAD LEVEL TRANSMITTER



MAIN FEATURES

- Designed specifically for wastewater
- Accuracy: $\pm 0.5\%$
- Range: 1...200 m H₂O
- Immersed sensor protection (wet part): IP68
- Power supply: 12...30Vdc (2-wire)

APPLICATIONS

- Wastewater
- Food and Beverage
- Pulp and paper
- Chemical industry

TECHNICAL DATA

Materials	Aluminium
Immersed probe material	PVC
Measure range	From 0÷0.4m H ₂ O to 0÷20m H ₂ O
Stability	±0.1% fs/12 months
Accuracy	±0.5%
Working temperature	-10°C ÷ +50°C
Accuracy	-20°C ÷ +70°C
Wetted part protection	IP68
Housing protection vers. KWLC	IP67
Analog output	4÷20mA
Process connection	2"GAS M; suspension cable; self- supporting fastening hook (opt)

KWL Hydrostatic head level transmitter

Suitable in 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 H ₂ O gauge pressure
103	0 ÷ 1m H ₂ O gauge pressure
203	0 ÷ 2m H ₂ O gauge pressure
503	0 ÷ 5m H ₂ O gauge pressure
104	0 ÷ 10m H ₂ O gauge pressure
204	0 ÷ 20m H ₂ O gauge pressure
504	0 ÷ 50m H ₂ O gauge pressure
105	0 ÷ 100m H ₂ O gauge pressure
205	0 ÷ 200m H ₂ O gauge pressure
999	Special
Cable length	
999	Special
502	5 m
103	10 m
153	15 m
253	25 m
303	30 m
353	35 m
403	40 m

DIMENSIONS

