



KPL Hydrostatic head level transmitter

Suitable for use in clear 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

Suitable for continuous liquids level measurement. Typical application are waste water and deep wells. The KPL level transmitter configuration options make it suitable for most industrial sectors (oil, chemical, power, metallurgy, pharmaceutical and food) and in different operating conditions. These characteristics make it the ideal instrument in process automation for the hydrostatic head levels measurement.

Technical Feature

Power supply

10 ÷ 36Vdc (2-wire)

Measurement range

from 0 ÷ 1mH₂O to 0 ÷ 200mH₂O

Immersed probe material

SS304

Shielded cable material

PU Ø7.5mm

Housing material (opt)

aluminum

Process connection

G 1"; G1 1/2; suspension cable; self-supporting fastening hook (opt.)

Analog output

4 ÷ 20mA

Stability

$\pm 0.1\%$ fs /12 months

Accuracy

$\pm 0.5\%$

Working temperature

-20° ÷ +70°C

Storage temperature

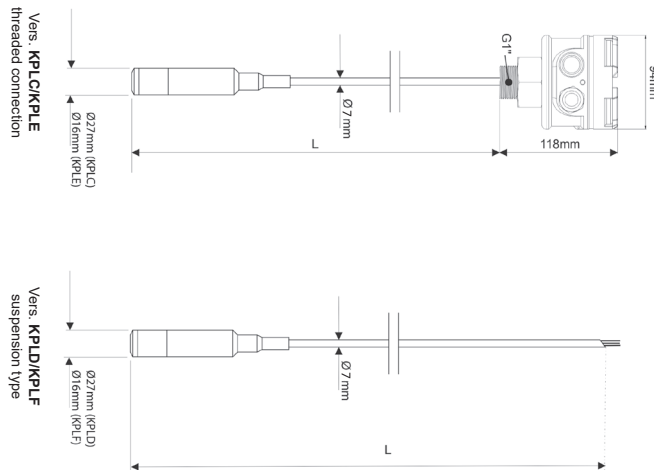
-40° ÷ +80°C

Wetted part protection

IP68

Housing protection vers. KPLC, KPLE

IP67



KPL

Hydrostatic head level transmitter

Suitable for clean waters application
 Immersed probe material : SS316L
 Piezoelectric sensor - PU cable
 Operation temperature: - 20° + +70°C
 Power supply: 10+36Vdc
 Wire-loop connection (2-wire) - Output: 4+20mA (min 0,5, max 30mA)
 Standard accuracy: ± 0,5%

Version	
C	ø 27 mm - PU cable extension with IP67 aluminum head connection. ONLY with P connection - Standard length 5m - Price on request each additional meter
D	ø 27 mm - suspension type (5m standard length); without connection head- IP68 - Price on request each additional meter
E	ø 16 mm - PU cable extension with IP67 aluminum head connection. Standard length 5m - Price on request each additional
F	ø 16 mm - suspension type (5m standard length); without connection head - IP68 - Price on request each additional meter
H	ø 27 mm - suspension type (5m standard length); accuracy 0,2% - without connection head- IP68 Price on request each additional meter
Z	Special
Certification	
M	For use in drinkable water
N	None
Process connection / Material	
N	None (for versions D/F/H)
P	Male thread G 1"½ / PP
T	Male thread G 1" / SS304
Z	Special
Sealed material	
F	FPM (Viton)
S	SS316 welding - only for version E and F - COMPULSORY
Accessories	
A	None
B	Junction box in PC (490A074C)
G	Self-supporting fastening hook (for D/F/H versionS - cod. 835A001A)
M	1"½ G slip joint connection
N	Nipple G½" M to be threaded on the sensor
Z	Special
Measure range	
G03	0 ÷ 1m H2O gauge p.
G04	0 ÷ 1,6m H2O gauge p.
G05	0 ÷ 2m H2O gauge p.
G06	0 ÷ 2,5m H2O gauge p.
G07	0 ÷ 3m H2O gauge p.
G08	0 ÷ 3,5m H2O gauge p.
G09	0 ÷ 4m H2O gauge p.
G10	0 ÷ 6m H2O gauge p.
G11	0 ÷ 10m H2O gauge p.
G12	0 ÷ 16m H2O gauge p.
G13	0 ÷ 20m H2O gauge p.
G14	0 ÷ 25m H2O gauge p.
G15	0 ÷ 40m H2O gauge p.
G16	0 ÷ 70m H2O gauge p.
G17	0 ÷ 100m H2O gauge p.
G18	0 ÷ 200m H2O gauge p.
Z99	Special