



SENSORS &
CONTROLLERS



ANALYZERS
& SAMPLERS



LEVEL, FLOW
& PRESSURE



WEB APP &
DATALOGGING



ACCESSORIES

KPL DATASHEET

PIEZORESISTIVE LEVEL TRANSMITTERS



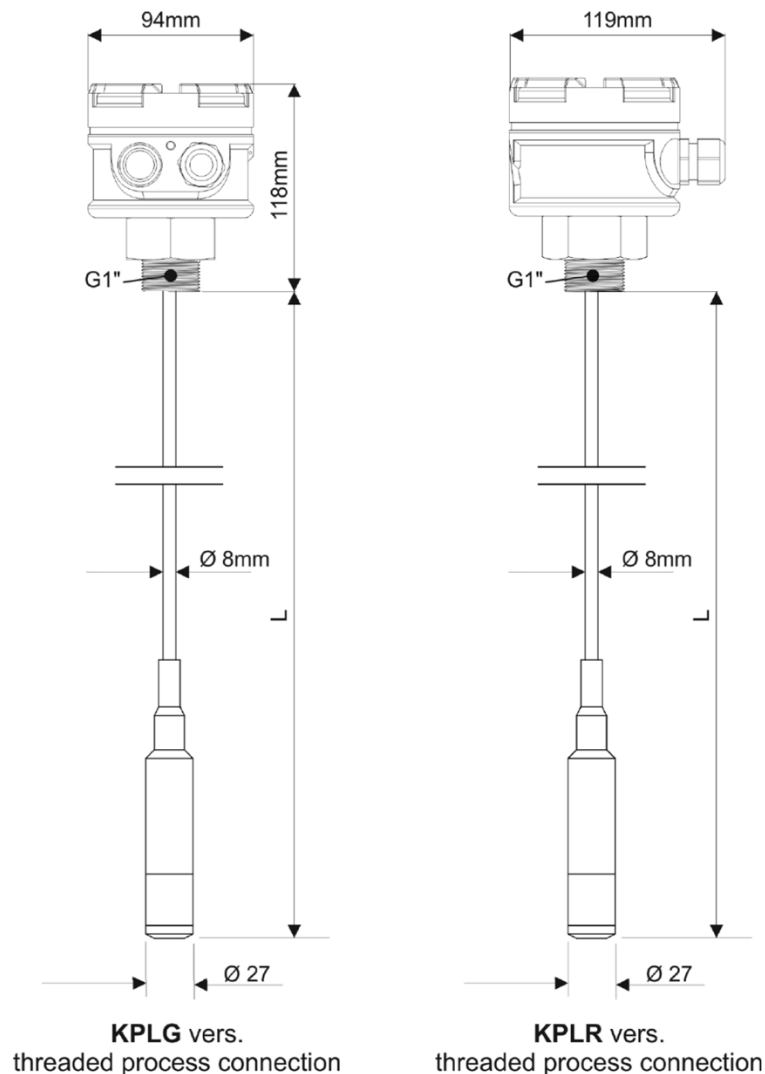
MAIN FEATURES

- Superior technological performance in terms of overpressure, small temperature drifts, high stability and accuracy
- No separation liquid between the membrane and the pressure sensor

TECHNICAL DATA

Measurement	From 0.1 bar (1m H ₂ O) to 20 bar (200m H ₂ O)
Accuracy / stability	±0.5 % FS / ±0.1 % FS
Operating temperature	Product- 20...60°C ; Ambient -20...70°C ; Storing -40...80°C
Output signal	4...20mA
Power supply	10...36Vdc with two wires
Material	Membrane AISI316L ; Sensor submerged AISI304 ; Cable PU (polyurethane)
Protection grade	IP68
Dimensions	Sensor submerged Ø 27 mm ; Cable Ø 8 mm

DIMENSIONS



INSTALLATION

KPL series pressure transmitters can be installed on pressure joint of pipeline. A cut-off valve should be added between pressure joint and pipeline to make it easier for installation and debugging..

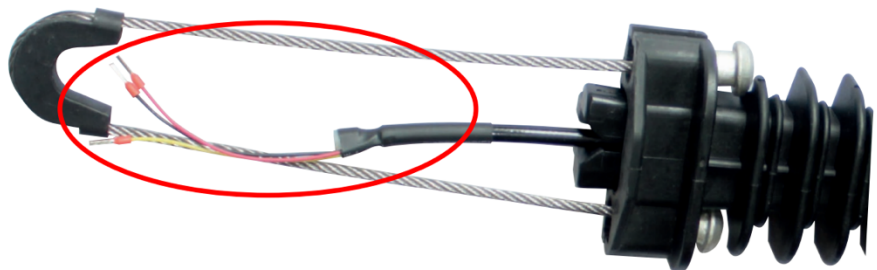
AVAILABLE MEASURING RANGE

Measure range	
G03	0 ÷ 10kPa (0 ÷ 0,1bar / 0 ÷ 1m H ₂ O) gauge p.
G04	0 ÷ 16kPa (0 ÷ 0,16bar / 0 ÷ 1,6m H ₂ O) gauge p.
G05	0 ÷ 20kPa (0 ÷ 0,2bar / 0 ÷ 2m H ₂ O) gauge p.
G06	0 ÷ 25kPa (0 ÷ 0,25bar / 0 ÷ 2,5m H ₂ O) gauge p.
G07	0 ÷ 30kPa (0 ÷ 0,3bar / 0 ÷ 3m H ₂ O) gauge p.
G08	0 ÷ 35kPa (0 ÷ 0,35bar / 0 ÷ 3,5m H ₂ O) gauge p.
G09	0 ÷ 40kPa (0 ÷ 0,4bar / 0 ÷ 4m H ₂ O) gauge p.
G10	0 ÷ 60kPa (0 ÷ 0,6bar / 0 ÷ 6m H ₂ O) gauge p.
G11	0 ÷ 100kPa (0 ÷ 1bar / 0 ÷ 10m H ₂ O) gauge p.
G12	0 ÷ 160kPa (0 ÷ 1,6bar / 0 ÷ 16m H ₂ O) gauge p.
G13	0 ÷ 200kPa (0 ÷ 2bar / 0 ÷ 20m H ₂ O) gauge p.
G14	0 ÷ 250kPa (0 ÷ 2,5bar / 0 ÷ 25m H ₂ O) gauge p.
G15	0 ÷ 400kPa (0 ÷ 4bar / 0 ÷ 40m H ₂ O) gauge p.
G16	0 ÷ 600kPa (0 ÷ 6bar / 0 ÷ 60m H ₂ O) gauge p.
G17	0 ÷ 1,0MPa (0 ÷ 10bar / 0 ÷ 100m H ₂ O) gauge p.
G18	0 ÷ 2,0MPa (0 ÷ 20bar / 0 ÷ 200m H ₂ O) gauge p.

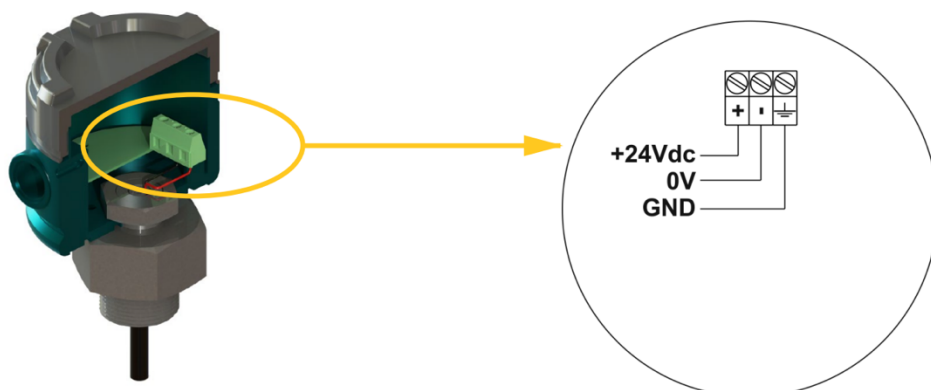
ELECTRICAL MEASUREMENTS

3.3.1 KPLD version

Functions	Wire
+24	Red
0V	Black
GND	Yellow/Green



3.3.1 KPLC - KPLG - KPLR version



SYSTEM WITH DISPLAY AND CONTROL

