

Mini-GoPLe

Hydrostatic Pressure Transmitter

ACOWA mini-GoPLe is used for level measurement in water wells. ACOWA mini-GoPLe equals high reliability and stability in level measurements. Signal from mini-GoPLe is standard 4-20mA but can be offered as both 0-10V DC, 0-5V DC or Modbus signal.

Mini-GoPLe is a precision 2-wire transmitter with a silicon piezo-resistive measuring system and a sensor membrane in AISI316 stainless steel.



Diameter of mini-GoPLe can be selected as 13mm, 16mm or 19mm. Cable lengths are from 10m and up.

Technical specifications

Medium	Liquid compatible to stainless steel
Pressure ranges	0-0.5m - H2O-200m
Output signal	4-20mA, (0.4-4,5V, 0-10V) option
Accuracy	Better than 0.1%, 0.25% or 0.5% (standard) of FS
Long term stability	Better than 0,5% of FS
Operating temperature	13mm, 19mm = -20°C to + 85°C 16mm = 0°C to + 100°C
Temperature coefficient zero point	13mm, 19mm = 0,015% of FS at 25°C 16mm = Better than 2%
Temperature coefficient of span	Ø19mm = ±0,02% of FS at 25°C Ø16mm = Better than 2% of FS
Supply voltage	10 - 36V DC
Enclosure class	IP68
Material of wetted part and housing	AISI 304 stainless steel
Material of pressure membrane	AISI 316 stainless steel
Cable type	PUR

Response time	13mm = 1ms, 16mm = 10ms, 19mm = 1ms
Size	13mm L=110, 16mm L=120mm, 19mm L=140mm
Certificates	CE, ATEX

Applications

- Water plants
- Level monitoring
- Groundwater monitoring
- Water wells
- Reservoir and tanks

Products

Item number	Description
mini-GoPLe-10-20	13 mm. pressure transmitter 0-10m. with 20m. PUR cable.
mini-GoPLe-10-25	16 mm. pressure transmitter 0-10m. with 35m. PUR cable.
mini-GoPLe-30-35	16 mm. pressure transmitter 0-30m. with 35m. PUR cable.
mini-GoPLe-4-10	19 mm. pressure transmitter 0-4m. with 10m. PE cable.

Products

Item number	Description
mini-GoPLe-15-20	19 mm. pressure transmitter 0-15m. with 20m. PUR cable.
mini-GoPLe-30-35	19 mm. pressure transmitter 0-30m. with 35m. PUR cable.
mini-GoPLe-30-50	19 mm. pressure transmitter 0-30m. with 50m. PUR cable.