

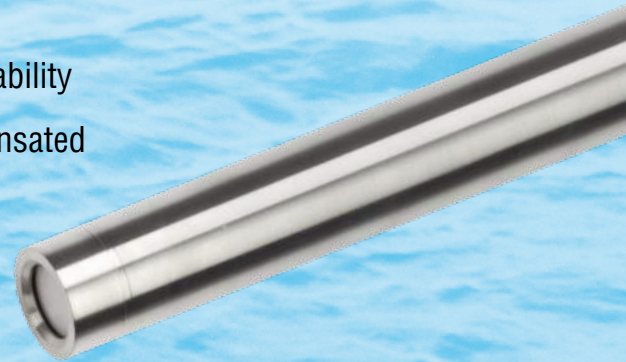


SUBMERSIBLE LEVEL TRANSMITTERS With small Capacitive Ceramic sensor

AQUACER



- ▶ Accuracy 0.2% (Option: 0.1%)
- ▶ Ceramic Capacitive Sensor
- ▶ *Diameter 0.9 inch*
- ▶ Perfect long term stability
- ▶ Temperature compensated



The "AquaCer" is a submersible hydrostatic level transmitter with cable (NEMA 6P) for level measurement in deep wells, water & waste water, etc.

The "AquaCer" is based on a **small Capacitive Ceramic sensor** / diaphragm and has a Fixed Range (Type FR) and an adjustable version (by HART Protocol), type AquaCer "I" (Accuracy 0.1%). The instrument has an active temperature compensation and a **perfect long term stability**.

Made by:

 **KLAY-INSTRUMENTS B.V.**

Nijverheidsweg 5
P.O. Box 13
Tel. +31-521-591550

7991 GZ DWINGELOO
7990 AA DWINGELOO
Fax +31-521-592046

The Netherlands
E-mail: info@klay.nl
Website: www.klay-instruments.com

Our representative in your area is:

Specifications

Ranges	: 0 - 40" WC to 1950" WC
Output signal	: 4-20 mA / 2-wire (option: HART® Protocol)
Accuracy	: 0.2% from adjusted span (Aquacer 'I': 0.1%)
Power supply	: 9 – 36 Vdc
Protection	: NEMA 6P
Process temperature	: 14 to 158 °F
Sensor material	: Ceramic Al2O3 (99,9%)
Sensor sealing	: Viton o-ring (standard)
Other wetted parts	: AISI 316L (standard) Option: Duplex steel or Hast.C
Diameter transmitter	: 0.9 inch
Material cable	: PUR Polyurethane (Option: PE or HytreI)

Specifications can change without notice



Capacitive ceramic sensor

Ordering Information

ORDERING CODE*	FIXED RANGE:	AQUACER-FR-CABLE(...m*)-CALIBRATION*		
	ADJUSTABLE RANGE (by HART®):	AQUACER-I-CABLE(...m*)-RANGE		
	RANGES AQUACER-'I': 1: 0 - 40" WC ... 160" WC 2: 0 - 160" WC ... 400" WC 3: 0 - 400" WC ... 8 00" WC 4: 0 - 800"WC ... 1950" WC			↑
MOUNTING OPTIONS				↑
- Mounting connection: Flange DIN or ANSI (specify size)			F	
- Other top mountingconnections. Example: 11/2" NPT thread (specify)			X	
OPTIONS				
- SPECIALS: For example: other cable material (specify)				G

* Always specify cable length and calibration at ordercode.

Application

The Aquacer can be used for levelmeasurement in all kind of fluids, like drinking water, waste water, slurry, etc. Typical applications are Level measurement in:

- Deep wells
- Tanks / vessels
- Underground tanks

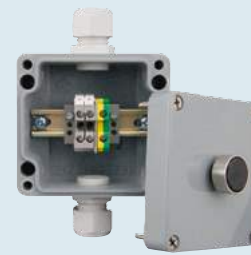
General Information

- **Active Temperature compensation**
All "Aquacer" level transmitters are fully temperature compensated
- **EMC / CE**
Klay Instruments manufactures all Transmitters according to the European CE rules.

Accessories



Cable clamp
Art. no. 20636



Junction Box FMD(IP67)
Art. no. 20171

