



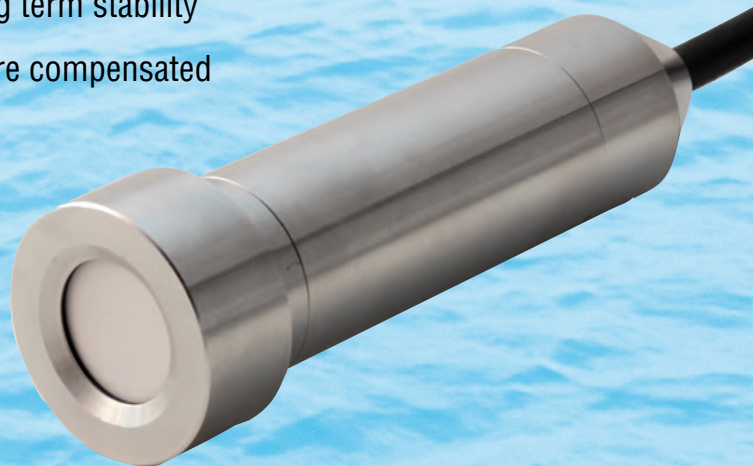
SUBMERSIBLE LEVEL TRANSMITTERS

With **Capacitive Ceramic sensor**

HYDROCER

HART
COMMUNICATION PROTOCOL

- ▶ Accuracy 0.2% (Hydrocer 'I': 0,1%)
- ▶ Capacitive Ceramic Sensor
- ▶ Perfect long term stability
- ▶ Temperature compensated



The "Hydrocer" is a hydrostatic submersible level transmitter with cable (NEMA 6P) for level measurement in water & waste water, pulp, slurry, chemicals, etc.

The "Hydrocer" is based on a **Capacitive Ceramic sensor** / diaphragm and has a Fixed Range (Type FR) and an adjustable version by HART[®] Protocol, type Hydrocer 'I' (accuracy 0,1%) The instrument has active temperature compensation and a **perfect long term stability**.

Made by:

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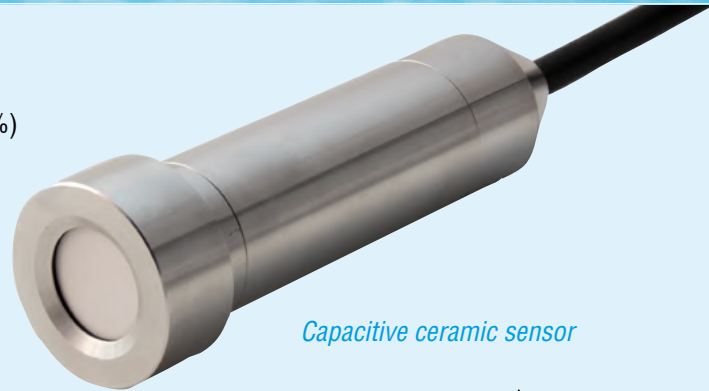
The Netherlands
E-mail: info@klay.nl
Website: www.klay-instruments.com

Our representative in your area is:

Specifications

Ranges	: from 0 - 40"WC to 0 - 800"WC
Output signal	: 4-20 mA / 2-wire (option: HART® Protocol)
Accuracy	: 0.2% from adjusted span (Hydrocer 'I': 0,1%)
Power supply	: 9 - 36 Vdc
Protection	: NEMA 6P (IP68)
Process temperature	: 14 to 158°F
Sensor material	: Ceramic Al ₂ O ₃ (99,9%)
Sensor sealing	: Viton o-ring (standard)
Other wetted parts	: AISI 316
Material cable	: PE Polyethylene (Option: Hytrel or PTFE)

Specifications can change without notice



Capacitive ceramic sensor

Ordering Information

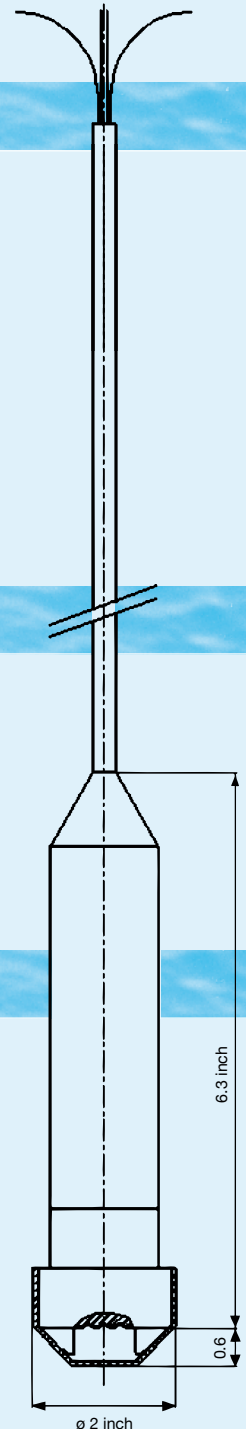
ORDERING CODE*	FIXED RANGE:	HYDROCER-CABLE (...m)-FR-Calibration*		
	ADJUSTABLE RANGE (by HART®):	HYDROCER-I-CABLE (...m)-RANGE*-H		
	RANGES HYDROCER 'I': 1: 0-20"WC...60"WC 2: 0 - 40"WC...160"WC 3: 0-115"WC... 400"WC 4: 0 - 400"WC ...800"WC		↑	↑
MOUNTING OPTIONS				
- Mounting connection: Flange DIN 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 Hydrocer can be used for levelmeasurement in all kind of fluids, Like water & waste water, pulp, slurry, chemicals, etc. Typical applications are Level measurement in:

- Basins
- Deep wells
- Tanks / vessels
- Underground tanks
- Ballast tanks (shipbuilding)



General Information

- **Active Temperature compensation**
All "Hydrocer" level transmitters are fully temperature compensated
- **EMC / CE**
Klay Instruments manufactures all Transmitters according to the European CE rules.
- **Diaphragm protection**
All "Hydrocer" transmitters will be delivered with a diaphragm protection cap as standard.

Accessories



Cable clamp
Art. no. 20636



Junction Box
FMD(IP67)
Art. no. 20171