

Ultrasonic distance and proximity sensors resistant against chemicals UPR-A CP Series

- based on UPR-A series
- CP means "Chemical Protection"
- resistant against most chemicals such as acids and alkalis
- exposed parts made of PVDF, PTFE, Kalrez ®
- for level measurement and control of aggressive media



Versions

Analogue output 0...10V and 4...20mA	UPR-A 1500 CP TOR 24 CAI
Binary output PNP	UPR-A 1500 CP TVPA 24 C
Binary output NPN	UPR-A 1500 CP TVNA 24 C

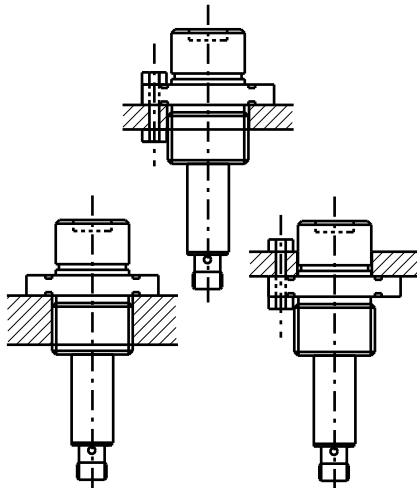
Description

The UPR CP series sensors are specially designed for use in a chemically harsh environment. The high resistance is based on PVDF or PTFE material. A typical application is the level measurement of acids and alkalis in smaller containers. The basic sensor is a model UPR-A 1500. The front part exposed to the medium is made of PVDF. The outstanding feature is the ultrasonic transducer which is PTFE foil covered allowing the ultrasonic waves to pass. Another specialty are the internal seals made of the super-resistant elastomer Kalrez ®.

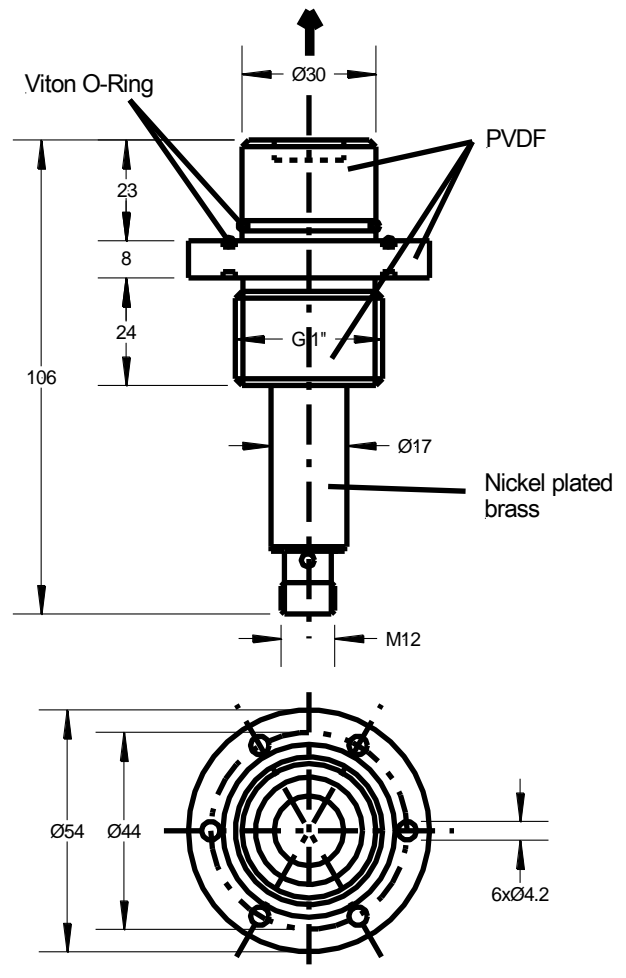
The technical data correspond to those of the UPR-A sensors (see page 1).

Mounting

Mounting on the flange with 6 M4 screws or mounting on the G1" thread. Sealing with Viton O-rings which are included with the sensor.



Dimensions



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