

# Ultrasonic flow switch FWS-141, FWA-141

## Application

• Monitoring of liquid levels in tanks  
• Leak detection in oil/water and fuel tanks  
• Safety monitoring of water level in swimming pools  
• In a wide range of applications, such as medicine, pharmacy

## Application examples

• For monitoring of liquid level in a large capacity container or tank with a float valve  
• Detection of a leak in a fuel tank in a container or vehicle  
• Monitoring of water level in a swimming pool  
• Monitoring of fuel level in a tank in a vehicle

## Application advantages

• High accuracy and fast response time  
• Monitoring of a wide range of liquids and gases  
• All water resistant IP68  
• Small size and weight, 2-wire connection  
• Simple installation, no need for calibration  
• The ultrasonic sensor is protected against dust and very resistant to vibration and shock

## Notes

• Please refer to page 12  
• Please refer to page 13  
• The effect of the liquid level measurement is affected by the liquid viscosity  
• It is recommended to use a liquid with a viscosity of less than 100 mPa·s  
• The liquid level is measured by the ultrasonic sensor  
• Please refer to page 12 and 13 for more information

## Dimensions

• Please refer to page 14 for the dimensions of the ultrasonic sensor  
• Please refer to page 15 for the dimensions of the ultrasonic sensor

## Technical data

• The ultrasonic sensor is made of stainless steel and is protected against corrosion  
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## Reference



## Product photo (FWS and FWA)



## Product photo (FWS)



## Product photo (FWA)

