

# Pessl Instruments Ultrasonic Snow Height or Water Depth Sensor

Order number: USH8

Ultrasonic snow depth sensor is used for non-contact measurements of snow depth and river levels in extreme weather conditions. The sensor is characterized by its high level of operating reliability, low energy consumption, fast installation and ease of use in the field.



## TECHNICAL SPECIFICATIONS

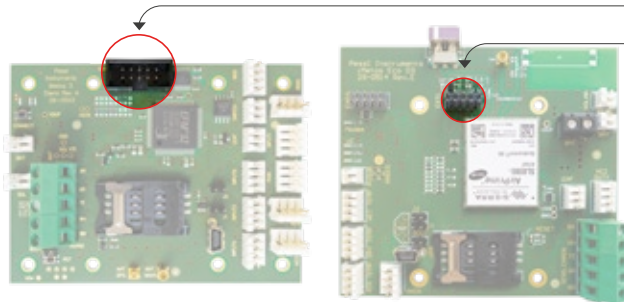
<b>Range</b>	0 to 10 m
<b>Resolution</b>	10 mm
<b>Accuracy</b>	0.5 % (FS)
<b>Measurement principle</b>	Ultrasonic
<b>Temperature measurement range</b>	-40 °C to +60 °C
<b>Digital RS-232 interface</b>	Serial port protocol, distance or snow depth
<b>Power supply</b>	From the input of the iMETOS, in areas with limited sun extended battery is needed (ord. no. USH8-BATT-EXT).
<b>Ingress protection</b>	IP 66



## CONNECTION TO MOTHERBOARDS

iMETOS 3.3

iMETOS ECO D3



To connect Snow Depth Sensor to the motherboard, you will need **MOD BUS** interface.