



### Snow level sensor

The robust design of DQL011 makes it the ideal solution for reliable measurement of snow-depth in extreme conditions. The additional air-temperature detection feature guarantees precise readings over a wide temperature range. The powerful ultrasonic impulses emitted by this sensor deliver reliable readings even when there is a difficult reflection ratio, as is the case with powdery or fresh snow. The sensor is characterized by a high level of operating reliability, low energy consumption and ease of use in the field.

#### Order numb.

#### DQL011

Snow level	<i>Principle</i>	Ultra-sonic (frequency 50 kHz)
	<i>Range</i>	0÷8 m
	<i>Resolution</i>	1 mm
	<i>Accuracy</i>	< 0,1% Full scale
	<i>Beamwidth</i>	12°
Air temperature	<i>Principle</i>	Semiconductor in radiant shield
	<i>Range</i>	-40÷60°C
	<i>Resolution</i>	0,1°C
	<i>Accuracy</i>	< 0,15%
General information	<i>Power supply</i>	10,5÷15 Vdc
	<i>Power consumption</i>	Max 200 mA, 5 mA (stand-by)
	<i>Energy consumption</i>	0,5 Ah/day (1 min. measuring interv.)
	<i>Output 1</i>	2x0/4-20 mA
	<i>Output 2</i>	RS232
	<i>Operative temperature</i>	-40÷60°C
	<i>Material</i>	Aluminum
	<i>Installation</i>	Mast-mounting for 61 mm pipe
<i>Connector</i>	12 pin-connector (cable not included)	

#### Accessories

#### Order numb.

<b>DYA047</b>	Support for DQL011 on meteo pole Ø 50 mm (maximum height: 4m)
<b>MN1072</b>	Cable each meter

