



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>Uncertainty</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>Uncertainty</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.

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



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



UK Office

Keison Products,

P.O. Box 2124, Chelmsford, Essex, CM1 3UP, England.

Tel: +44 (0)330 088 0560

Fax: +44 (0)1245 808399

Email: sales@keison.co.uk

Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.