

SOLID STATE INCLINOMETER



KAR-TECH

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Features

Kar-Tech's solid state inclinometer is the ideal way to measure angles with respect to gravity. The highly accurate sensors can achieve an output resolution of down to 0.05° degrees and an accuracy of $\pm 0.3^\circ$. This is an ideal sensor for a multitude of applications, ranging from boom angle on Cranes, Telescopic man lift and Scissor lifts to Auto level applications on machine frames and many other applications. As is the case with all of Kar-Tech's products, this inclinometer is made to withstand the harshest of conditions.

General

Range	0 to 360°
Resolution	0.05°
Accuracy	$\pm 0.3^\circ$
Output	0.5 to 4.5, CAN, SAE-J1939
Housing Material	Encapsulated UL94 ABS plastic
Weight	2.0 oz (57 gm)

Enviromental

Operating Temperature	-40° to +85° C
Storage Temperature	-50° to +100° C
Protection Class	IP67

Electrical

Supply Voltage	9-35VDC
Supply Current	29mA
Protection Types	Reverse polarity, over-voltage

