

# 3 Axes Inclination Sensor iTec-Electronics

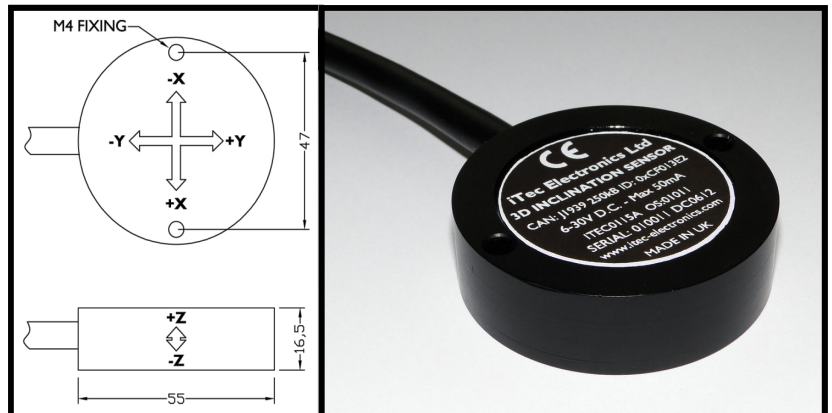
## ITEC0115

± 60° Measurement  
Range for 3 Axes

Multiple Mounting  
Orientation Options

6 to 30V D.C.  
Operating Voltage

CAN J1939 Interface



### Specifications:

Housing	Aluminium—Black Anodised
Mounting	2 off M4 Bolts
Dimensions	55mm by 16.5mm
Ingress Protection Rating	IP67—Fully Potted Electronics
Operating Voltage (Recommended)	12 to 24 Volts D.C.
Operating Voltage (Limits)	6 to 30 Volts D.C.
Maximum Current Drawn	50mA
Operating Temperature	-30° c to + 80° c
Resolution	<0.3° for 0° to 40°, <0.5° for 41° to 60°
Range	- 60° to + 60°
Accuracy	0.5°
CAN Profile	J1939, 250kB, 250mS Repetition Rate, Source Address: 0xE2
CAN Message	Extended ID: 0xCF013E2, B0: LSB X, B1: MSB X, B2: LSB Y, B3 MSB Y, B4 LSB Z, B5 MSB Z
CAN Data Format	Degrees x 10
Connection	4 Core Screened Heavy Duty Cable to Bare Ends (Fitted connector option available on request)
RED	6 to 30 Volts D.C.
BLUE	System Ground
YELLOW	CAN High
GREEN	CAN Low
CAN 120R Terminating Resistor	Not Fitted as Standard (Customer Option)