

Description

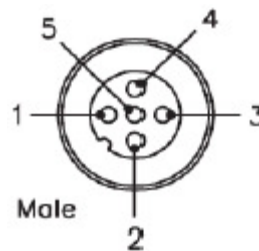
The Joral J1939 Inclinometers provide rugged-duty incline sensors that support the standard and reliable CAN Bus protocol. The solid-state device is fully potted and sealed to operate in harsh environments. Programmable settings available through the CAN Bus make the sensor flexible for various applications.

- Easy Mounting
- 2 axis solid -tate sensing (X and Y)
- Configuration available through J1939
- J1939 Source Address Selectable via standard external resistor
- LED Indicators for X and Y Angle Status, Power and CAN
- Completely Potted and Sealed. Rugged Duty



Connections

Signal	M12 Pin #
V+	1
CANH	2
Common	3
CANL	4
Address Select (optional)	5



LED Indicators

X Angle – Indicates current angle status in the X Axis

Y Angle – Indicates current angle status in the Y Axis

Green – Power: Indicates power is applied to the encoder and internal voltage regulation is functional

Yellow – Tx Activity: Indicates transmit activity on the CAN Bus.

Specifications

Model	INC-J1939-5M12
Connector	5 pin male M12
Power	6 to 30 VDC (85 milliamps)
Housing Dimensions	2" L x 1.5" W x 1" H (50.8mm x 38.1mm x 25.4mm)
Weight	2 oz
Mounting	Mounting Tabs (0.187 diameter holes)
Resolution	0.3 degrees
J1939 Source Address	220 (default) to 227
J1939 PGN	65466
J1939 Data	10 bit angle per axis, 0 to 1023
J1939 Rate	50msec
J1939 Priority	4

