



2-inch Slave Node Instrument (SNI)



*Transmission
Temperature
with Warning
Indicator
Illuminated*

Voltmeter

*Dual Scale
Oil Pressure*

Customizable Features

- Bezel profile, material and finish
- Dial face graphics and colors
- Pointer cap and blade color
- Domed or flat glass
- Illumination color
- Trim ring color
- Company logo

NexSysLink® CAN Instruments Product Family

Product Description

This NexSysLink® instrument receives and displays data transmitted by a Master Node Instrument (MNI)

The instrument provides a full 250° pointer sweep and a large engine fault and warning indicator.

Gauge Size

2 Inch (Fits a 2.063 inch hole)

Product Type and Range

Single Scale Instruments

- Air Pressure (Front) - 0-150 psi
- Air Pressure (Rear) - 0-150 psi
- Air Pressure (Primary) - 0-150 psi
- Air Pressure (Secondary) - 0-150 psi
- Ammeter - 125-0-125
- DEF Level - E-F
- Engine Coolant Temperature - 100-240°F
- Engine Oil Pressure - 0-80 psi
- Engine Oil Temperature - 100-320°F
- Fuel Level - E-F
- Transmission Oil Pressure - 0-400 psi
- Transmission Oil Temperature - 100-320°F
- Volts - 10-16
- Volts - 16-36
- Volts - 20-32

Dual Scale Instruments


- Air Pressure (Front) - 0-150 psi/0-1000 kpa
- Air Pressure (Rear) - 0-150 psi/0-1000 kpa
- Air Pressure (Primary) - 0-150 psi/0-1000 kpa
- Air Pressure (Secondary) - 0-150 psi/0-1000 kpa
- Engine Coolant Temperature - 100-240°F (38-115°C)
- Engine Oil Pressure - 0-80 psi/0-550 kpa
- Transmission Temperature - 100-320°F (38-160°C)

Marine Only Instruments

- Trim Level - Up/Down
- Custom ranges available

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 Made in the USA

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www.FariaBeede.com

MNI Communication Method

Beede Serial Bus (3) Wire

Environmental Specifications

Shock (Non-operating):

50G, 9-13mS half-sine,
25 shocks in each of three orthogonal axes

Vibration (Non-operating):

0.06" (1.5mm) double amplitude 10-80-10 Hz
2 hours in each of three orthogonal axes

Temperature:

Operating, -20°F to 158°F (-30°C to 70°C)
Storage, -40°F to 185°F (-40°C to 85°C) 50% RH

Humidity:

95% relative humidity @110°F (43°C) non-condensing

Salt Spray:

Meets or exceeds ASTM 117, 48 hours

Electrical Specifications

Reverse Polarity Protection:

Standard entire system

Load Dump:

Meets SAE J1113, 3 positive 80V transients
one minute intervals

Operating Voltage:

11-16VDC standard

Over Voltage:

Withstands 18V continuously for one hour

Accuracy:

±2% of input signal

Illumination:

PWM LED backlight
Color, red, standard

LCD:

Transflective FFSTN dot matrix
negative image mode standard
(white characters, black background)
12:00 O'clock viewing angle
LED illuminated. Color, white

Mechanical

Bezel Material:

Stainless steel or aluminum
Finish, customer specified

Case:

White thermoplastic copolymer

Dial:

Textured finish polymer
Backlit graphics, opaque background

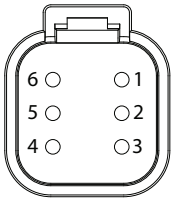
Pointer:

Illuminated orange blade with
gray cap standard

Sealing:

Window sealing IP 65 compliant

Wiring Connections



6 Pin Connector Detail
Mates with Deutsch I.P.D.
DT Series Connector
DT-06-6S
Locking Wedge W6A

Beede Serial Bus Connector (6 Pin)	
Pin Number	Connection Name
1 & 6	Battery +
2 & 5	Ground
3 & 4	Serial Data

16-20 AWG stranded copper wire recommended for all electrical connections.

Product Outline Drawing

Mounting hole size:

Ø2.125±.015"
(Ø53.98±0.38mm)

Mounting hardware torque:

6 lb-in
(0.68 N-m) max.

Refer to the appropriate
Beede installation instruction
sheet for complete installation
requirements.

Dimensions shown are in inches.

