



## ENVIRONMENTAL

Operating Temp	-35 °C to 75 °C
Storage Temp	-40 °C to 85 °C
Humidity	90% RH, non-condensing

## SENSOR POWER FEATURES

Power Output	12 VDC, Regulated 1 A combined maximum output for all sensor ports and expansion modules Total current draw on regulated output for entire MDL should not exceed 1.5 A.
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## RS-232 Mode

Signals	Pin 3 – RTS Pin 4 – TX Pin 5 – RX Pin 6 – CTS
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## RS-485 Mode Half Duplex

Two-wire, Half-duplex	Pin 3 – RX/TX+, B+ Pin 4 – RX/TX-, A-
Bias Resistors	Software controllable
Termination Resistors	Software controllable

## RS-485 Mode Full Duplex

Four-wire, Full-Duplex	Pin 3 – TX+ Pin 4 – TX- Pin 5 – RX+ Pin 6 – RX-
Bias Resistors	Software controllable.
Termination Resistors	Software controllable

## MECHANICAL

Enclosure	Aluminum channel
Dimensions	2.5" x 5.1" x 1.25" (64 mm x 130 mm x 32 mm)
Mounting	Dyacon MDL Enclosure and backplane

## REGULATORY

Emissions	TBD
Immunity	TBD

