

Product Specifications

Sensor Properties

Sensor Type	Resistance
Controlled By	VoltageRatio
Sensor Output Type	Ratiometric
Resistance Min	1 k Ω
Resistance Max	21 k Ω
Optimal Measurement Resistance Min (@ 1k Ω)	100 Ω
Optimal Measurement Resistance Max (@ 1k Ω)	10 k Ω
Optimal Measurement Resistance Min (@ 21k Ω)	2 k Ω
Optimal Measurement Resistance Max (@ 21k Ω)	200 k Ω

Electrical Properties

Current Consumption Max	5 mA
Supply Voltage Min	3 V DC
Supply Voltage Max	5.3 V DC

Physical Properties

Recommended Wire Size	12 - 24 AWG
Operating Temperature Min	-40 $^{\circ}$ C
Operating Temperature Max	105 $^{\circ}$ C