

HO 40-NP Information



For Reference Only

Part Number HO 40-NP
Manufacturer LEM USA Inc.
Category Sensors, Transducers
Current Transducers

Description SENSOR CURRENT HALL 40A AC/DC

Package Modul

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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HO 40-NP Specifications

Manufacturer Part Number HO 40-NP Manufacturer LEM USA Inc. Category Sensors, Transducers Package Module Series HO-NP For Measuring AC/DC Sensor Type Hall Effect, Open Loop Current - Sensing 40A Number of Channels 1 Output Ratiometric, Voltage Sensitivity - Frequency DC ~ 350kHz Linearity ±0.5% Accuracy ±1.5% Voltage - Supply 5V Response Time 2.5µs Current - Supply (Max) 25mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case Module		
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Series HO-NP For Measuring AC/DC Sensor Type Hall Effect, Open Loop Current - Sensing 40A Number of Channels 1 Output Ratiometric, Voltage Sensitivity - Frequency DC ~ 350kHz Linearity ±0.5% Accuracy ±1.5% Voltage - Supply 5V Response Time 2.5µs Current - Supply (Max) 25mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case Module		Current Transducers
For Measuring Sensor Type Hall Effect, Open Loop Current - Sensing A0A Number of Channels 1 Output Ratiometric, Voltage Sensitivity - Frequency DC ~ 350kHz Linearity 40.5% Accuracy 41.5% Voltage - Supply Response Time 2.5µs Current - Supply (Max) Operating Temperature Polarization Mounting Type Package / Case Module	Package	Module
Sensor Type Hall Effect, Open Loop Current - Sensing 40A Number of Channels 1 Output Ratiometric, Voltage Sensitivity - Frequency DC ~ 350kHz Linearity ±0.5% Accuracy ±1.5% Voltage - Supply 5V Response Time 2.5μs Current - Supply (Max) 25mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case Module	Series	HO-NP
Current - Sensing Number of Channels 1 Output Ratiometric, Voltage Sensitivity - Frequency DC ~ 350kHz Linearity ±0.5% Accuracy ±1.5% Voltage - Supply Response Time 2.5µs Current - Supply (Max) Operating Temperature -40°C ~ 105°C Polarization Mounting Type Package / Case Module	For Measuring	AC/DC
Number of Channels Output Ratiometric, Voltage Sensitivity - Frequency DC ~ 350kHz Linearity £0.5% Accuracy £1.5% Voltage - Supply Response Time 2.5µs Current - Supply (Max) Operating Temperature Polarization Bidirectional Mounting Type Package / Case Module	Sensor Type	Hall Effect, Open Loop
Output Sensitivity	Current - Sensing	40A
Sensitivity Frequency DC ~ 350kHz Linearity ±0.5% Accuracy ±1.5% Voltage - Supply Sv Response Time 2.5µs Current - Supply (Max) Operating Temperature Polarization Mounting Type Package / Case DC ~ 350kHz ±0.5% £0.5% £0.5% £1.5% £1.5% £1.5% £1.5% £1.5% £1.5% £1.5% £1.5% £1.5% £1.5% £2.5µs £2.5µs £2.5µs £2.5µs £3.5µs £3.5µs £4.0°C ~ 105°C Bidirectional Mounting Type Through Hole Module	Number of Channels	1
Frequency DC ~ 350kHz Linearity $\pm 0.5\%$ Accuracy $\pm 1.5\%$ Voltage - Supply 5V Response Time $2.5 \mu \text{s}$ Current - Supply (Max) 25mA Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Polarization Bidirectional Mounting Type Through Hole Package / Case Module	Output	Ratiometric, Voltage
Linearity $\pm 0.5\%$ Accuracy $\pm 1.5\%$ Voltage - Supply $5V$ Response Time $2.5\mu s$ Current - Supply (Max) $25mA$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C$ Polarization Bidirectional Mounting Type Through Hole Package / Case Module	Sensitivity	-
Accuracy $\pm 1.5\%$ Voltage - Supply $5V$ Response Time $2.5\mu s$ Current - Supply (Max) $25mA$ Operating Temperature $-40^{\circ}C \sim 105^{\circ}C$ PolarizationBidirectionalMounting TypeThrough HolePackage / CaseModule	Frequency	DC ~ 350kHz
Voltage - Supply5VResponse Time2.5μsCurrent - Supply (Max)25mAOperating Temperature-40°C ~ 105°CPolarizationBidirectionalMounting TypeThrough HolePackage / CaseModule	Linearity	±0.5%
Response Time 2.5 μ s Current - Supply (Max) 25mA Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case Module	Accuracy	±1.5%
Current - Supply (Max) Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case Module	Voltage - Supply	5V
Operating Temperature -40°C ~ 105°C Polarization Bidirectional Mounting Type Through Hole Package / Case Module	Response Time	2.5µs
Polarization Bidirectional Mounting Type Through Hole Package / Case Module	Current - Supply (Max)	25mA
Mounting Type Through Hole Package / Case Module	Operating Temperature	-40°C ~ 105°C
Package / Case Module	Polarization	Bidirectional
	Mounting Type	Through Hole
Report errors?	Package / Case	Module
		Report errors?

HO 40-NP Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

HO 40-NP Payment Methods





















HO 40-NP Shipping Methods













If you have any question about HO 40-NP, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com