

## 4N48 Information



For Reference Only

**Part Number** 4N48  
**Manufacturer** TT Electronics/Optek Technology  
**Category** Isolators  
 Optoisolators - Transistor, Photovoltaic Output  
**Description** OPTOISO 1KV TRANS W/BASE TO78-6  
**Package** TO-78-6 Metal Can  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)



[Request a Quote](#)

## Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## 4N48 Specifications

Manufacturer Part Number	4N48
Manufacturer	TT Electronics/Optek Technology
Category	Isolators Optoisolators - Transistor, Photovoltaic Output
Package	TO-78-6 Metal Can
Series	-
Number of Channels	1
Voltage - Isolation	1000VDC
Current Transfer Ratio (Min)	100% @ 1mA
Current Transfer Ratio (Max)	500% @ 1mA
Turn On / Turn Off Time (Typ)	-
Rise / Fall Time (Typ)	20μs, 20μs
Input Type	DC
Output Type	Transistor with Base
Voltage - Output (Max)	40V
Current - Output / Channel	50mA
Voltage - Forward (Vf) (Typ)	1.5V (Max)
Current - DC Forward (If) (Max)	40mA
Vce Saturation (Max)	300mV
Operating Temperature	-55°C ~ 125°C
Mounting Type	Through Hole
Package / Case	TO-78-6 Metal Can
Supplier Device Package	TO-78-6

[Report errors?](#)

## 4N48 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.

## 4N48 Payment Methods



## 4N48 Shipping Methods



If you have any question about 4N48, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)