

Anyone can verify DeviceNet power quality with the NetAlert PowerMonitor Tee. In the case of automation system problems the PowerMonitor can immediately show you whether power quality is responsible, what happened, and whether the fault conditions still exist. Latched fault indications are easily reset with a magnet.

The NetAlert PowerMonitor Tee for DeviceNet constantly monitors your network in real-time for power fluctuations. Multi-colored LEDs provide immediate and intuitive feedback about DeviceNet power:

Indication	LED Color	Condition
OK	Green	Normal
HI	Red	Overvoltage
LO	Blue	Undervoltage
AC	Yellow	Ripple or Glitch
OK	Flickering Green	Power cycle within last 24 hrs
HI	Periodic Red Flash	Surge within last 24 hrs
LO	Periodic Blue Flash	Brownout within last 24 hrs
AC	Periodic Yellow Flash	Glitch within last 24 hrs



You're going to need DeviceNet tees. Choose the smart one!

Applications

- Immediate detection of power problems
- Preventing network downtime by predicting faults caused by power problems

Specifications

Power supply.....	7 – 30Vdc, <50mA
Environment	0 – 60°C, IP67
Connectors	DeviceNet Standard “Sealed Mini” (compatible with flat media and micro connectors with suitable adapter, not included)
Minimum “Low” voltage threshold	Below 12.96V
Nominal “OK” voltage range.....	12.96V – 24.78V
Maximum “High” voltage threshold	Above 24.78V
Glitch & Ripple threshold ($\Delta V/\Delta t$)	Fast transients (up to 250Hz) $\pm 0.67V$ Slow transients (down to 10Hz) $\pm 1.26V$

Ordering Information

Part numbers:

DN3020PM-1.....	Male (left) to Female (right)
DN3020PM-3.....	Female (left) to Male (right)

Contact your local SST or Brad Harrison distributor or visit

www.DeviceNetAlert.com