



Technical data sheet

AK-MEDCON-SPE



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Media converter for the integration of SPE (Single Pair Ethernet) end devices into a 100BASE-T network

AK-MEDCON-SPE is a compact media converter with which you can integrate a SPE (Single Pair Ethernet) end device into the LAN (RJ45 connection) plug and play. The device only requires a 5Volt power supply and immediately connects your SPE end device to the 100BASE-T network. On the SPE side, you can bridge distances >1000m to your end device. The device supports master and slave mode on the SPE side.

Technical Data

- **Dimensions:**
40 x 21 x 82 mm (WxHxL)
- **Housing:**
Impact-proof plastic
- **Weight:**
37 grams
- **Temperature range:**
-40°C .. + 70°C
- **Standards**
CE / WEEE / RoHS-II
EN 55022 Class B
EN 55024 Class A
- **Power Supply:**
-5Volt, 2A
-PowerOverEthernet IEEE802.3af
- **Power consumption:**
5 Volt / ca. 200 mA
- **Connectors:**
1 x Ethernet RJ45
1 x SPE connector
- **Ethernet (M-DIX)**
10 Half Duplex
10 Full Duplex
100 Half Duplex
100 Full Duplex
AutoSensing
- **Single Pair Ethernet (SPE)**
10 Half Duplex
10 Full Duplex
Master/Slave
AutoSensing

Views



Front with power
supply connector

Front with
PowerOverEthernet

Rear side with
SPE

Order numbers

AK-MEDCON-SPE with switched power supply 5Volt, 2A

AK-MEDCON-SPE-POE PowerOverEthernet IEEE802.af