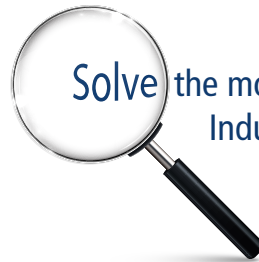# Industrial Ethernet Cable Tester
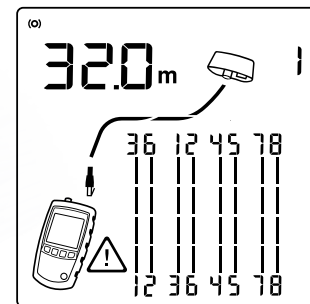


## MicroScanner™ PoE

### Key features:

- Distance (feet or meters) to fault or cable end
- Works on cables with RJ45 connectors
- Supports EtherNet/IP, PROFINET, ModBus TCP, and other protocols
- Simple to use - Connect cable and press green button
- Graphic display to see the exact problem
- Built-in tone generator to trace cables
- Identifies PoE power that the switch will provide
- Small enough to fit in your tool bag
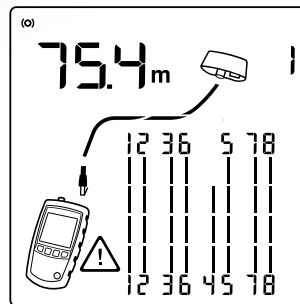- Backlit display for dark locations

**Solve** the most common Industrial Ethernet cable problems in **4 seconds**.
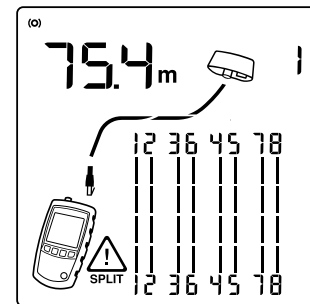
## Cable Faults Diagnosed

a) Open on any wires or shield
b) Shorts between 2 or more wires
c) Crossed wires
d) Crossed pairs
e) Split pairs that cause cross talk
f) View individual pairs for distance to fault
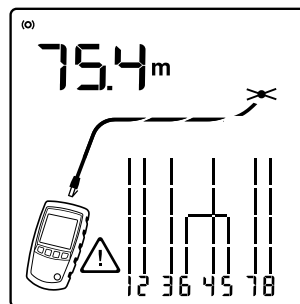g) Identify inactive and active device and its Ethernet speed
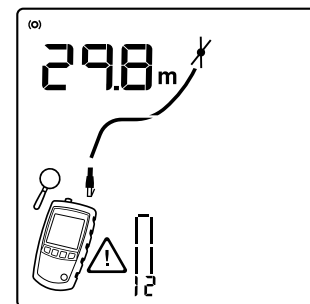


d) Wires 1-2 and 3-6 crossed
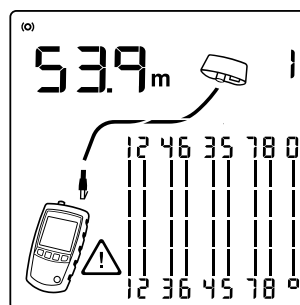


a) Open on wire 4 shield
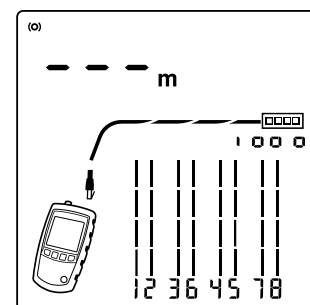


e) Split pairs



b) Wires 6 and 5 shorted



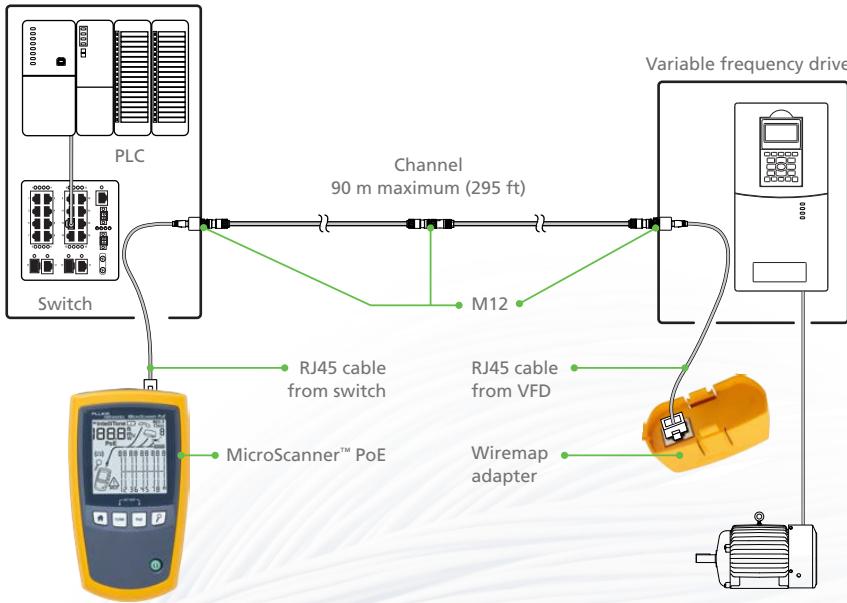f) One pair view with distance to short



c) Wires 3 and 4 crossed



g) Active switch, 1000 Megabits/sec

# Industrial Ethernet Cable Tester

## Connections for channel tests with two RJ45 connectors.

Variable frequency drive

PLC

Channel
90 m maximum (295 ft)

Switch

M12

RJ45 cable
from switch

RJ45 cable
from VFD

MicroScanner™ PoE

Wiremap
adapter

## MicroScanner™ PoE

Wiremap adapter
doubles as
protective cap

Digital toning is safe
and effective on active
networks

Length meter shows
distance to termination,
open, or short

Detail mode gives
additional test status
information

Modular port accepts
RJ45 and RJ11 plugs

Rubber holster
enhances ruggedness
and grip

Intuitive icons show
what's at the far end of
any cable

PoE detection displays
available power and
class (1-8)

Graphical wiremap
shows type and location
of fault

## MicroScanner™ PoE Ordering Information

### Model: MS-POE
Main unit and wiremap adapter,
carrying pouch, batteries and manual

### Model: MS-POE KIT
MS-POE model above plus IntelliTone™ probe
to trace cables, magnetic holder, test
accessories and carrying bag

## Related products for Industrial Ethernet

## CableAnalyzer™

### Model: DSX-5-IE-K1
DSX-5000 Industrial Ethernet Kit used to certify
and document cable installations. Identify
intermittent cable problems found in industrial
permises, including susceptibility to EMI.

### Model: OFP-Q-ADD
Fiber optic OTDR module for DSX-5-IE-KIT

### Model: FI-525
Fiber optic video inspection probe
with cleaning supplies