Features

- Sensor Testers for confirmation of Operation
- Spare Node M12 Connector Caps
- RS-232 Cable for Programming Node
- Spare speed sensor housing screws
- Node M12 connector Wrench
- Silicon Self Fusing Tape for Antenna Connections

HAZARDPRO SYSTEM VERIFICATION TOOLKIT
CONTENTS:
M12 CONNECTOR CAPS (QTY 10)
SENSOR WRENCH (QTY 1)
RS232 NODE CABLE (QTY 1)
4-40 X 0.25 SCREWS FOR EZ COVER (QTY 4)
SENSOR SIMULATOR 80° F FIXED (QTY 1)
SENSOR SIMULATOR 265° F FIXED (QTY 1)
SENSOR SIMULATOR VARIABLE (QTY 1)
SWITCH INPUT SIMULATOR (QTY 1)
SILICONE TAPE (QTY 1)
NODE CALIBRATION SCREWDRIVER (QTY 1)

Description

The HazardPRO™ System Verification Toolkit contains items your facility needs to maintain your HazardPRO system. System testing sensors can be used in place of standard sensors in order to confirm proper operation of the Sensors and Node. The Toolkit includes many spare parts that are commonly needed for a properly functioning system: Neodymium Magnets, M12 Connector Caps, and EZ1 Speed Sensor Cover Screws. The Kit includes several miscellaneous items such as Node Wrenches, RS232 Cable, RS232 to USB Adapter,and Silicon Self Fusing Tape.

Kit Contents - Testers

Temperature Simulation Input

HazardPRO Temp Sensor Simulators can be attached to a Node in place of a temperature sensor. This includes Bearing, Alignment, and Ambient sensors. There are 2 different testers: a sensor tester that transmits a sensor reading of (80 °F or 26.67 °C) or (255 °F or 123.89 °C). This allows the Node to read a rating that would be normal or a rating that will trigger a shutdown.

Contact Closure Testing Input

The HazardPRO Contact Closure Tester can be used in the Node contact input. This tester allows testing of the contact input via a toggle switch. This tester is an easy way to verify the proper operation of the Node contact closure input.

Kit Contents - Continued

Adjustable Temperature Tester

The HazardPRO Adjustable Temperature Tester allows the user to adjust the reading of a temperature sensor. The Temperature Tester is plugged into the Node and then the temperature sensor plugs into the the Test unit. The actual sensor temperature reading can then be increased to test proper fuction of the hazard monitoring system. The Tester adds incremental increases to the temperature by turning the built-in dial.

Node Wrenches

The commissioning kit includes two small wrenches that are used to properly tighten down the HazardPRO sensors into the Node inputs. In order to ensure the proper functioning of a Node it is important to have the sensor inputs properly tightened.

RS-232 programming cable

The RS-232 adapter is used to program HazardPRO Nodes.

RS-232 to USB Cable

Systems without an RS-232 port will be provided with a RS-232 to USB Cable.

Electro-Sensors Screwdriver and Magnet

Electro-Sensors Screwdriver can be used to open the node door and the end magnet can be used to recalibrate HazardPRO speed sensors.

Maintenance and Testing Components	Part Number
System Verification Toolkit	800-012006
Tool Kit Sub Components	Part Number
M12 Connector Wrench	100-000035
Silicone Self Fusing Tape (Black)	217-003800
Protective Cap M12 Female Connector	300-005400
Screw 4-40 X 0.25 PH Phillips SS	335-000400
Magnet Neodymium .5 DIA X .25	505-001402
Node RS232 Cable	800-012906
USB To RS232 (DB9)	610-005000
Temperature Simulator 80 ºF	800-000005
Temperature Simulator 255 ºF	800-000006
Contact Closure Input Simulator	800-000007
Adjustable Temperature Simulator	800-000009