HHP-PRX
Hand-Held Proximity Switch Tester

Description

The OMEGA® HHP-PRX Hand-Held Proximity Switch Tester is used for determining the type and function of a proximity switch.

LED indicator color determines if the Open collector is NPN or PNP.
- Red: NPN
- Green: PNP

Operating the Proximity Tester

DC Proximity Switches
- Standard 3-wire proximity switches

The HHP-PRX is a very simple to operate sensor supply box. It is used only with on/off type DC proximity sensors. It is not to be used for analog versions, or AC powered proximity sensors.

On the top, you will notice 3 spring terminals. See the label where you will find the wire colors indicated.
- Brown: +Vs, 18Vdc (power to sensor)
- Black/White: Input (sensor’s output)
- Blue: 0Vdc Ground (sensor’s ground)

Unpacking the Unit

Remove the Packing List and verify that you have received all equipment. If you have any questions about the shipment, please call the OMEGA Customer Service Department at 1-800-622-2378 or (203) 359-1660.

When you receive the shipment, inspect the container and equipment for signs of damage. Note any evidence of rough handling in transit. Immediately report any damage to the shipping agent.

The carrier will not honor damage claims unless all shipping material is saved for inspection. After examining and removing contents, save packing material and carton in the event reshipment is necessary.

Connect the sensor to the proper terminals on the HHP-PRX test box. When a target (steel) is present, the test box will beep, and the LED on the front of the box will illuminate. The color of the LED will indicate the proximity sensor type. Red LED indicated NPN, and Green LED indicates PNP.
Specifications

Input
3-wire DC proximity sensors

Operating Temperature
-13 to 168°F (25 to 75°C)

Accessories
None

Terminals
Spring loaded posts accept up to 12 AWG wire

Power
Two 9Vdc batteries

Size
Approximate
108 x 57 x 22 mm (4 1/4 x 2 1/4 x 7/8 inch)

Weight
4.4 oz.

Servicing USA and Canada: Call OMEGA Toll Free
USA
One Omega Drive, Box 4047
Stamford, CT 06907-0307 USA
Telephone: (203) 359-1600
FAX: (203) 359-7700
Sales Service: 1-800-826-6342 / 1-800-TC-OMEGA™
Customer Service: 1-800-622-2378 / 1-800-622-REST™
Engineering Service: 1-800-622-9436 / 1-800-LSA-WHEN™
TELEX: 996404
FACSIMILE: 629-6928

Canada
976 Bergar
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Engineering Service: 1-800-622-9436 / 1-800-LSA-WHEN™
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FACSIMILE: 629-6928

Servicing Europe: United Kingdom Sales and Distribution Center
25 Swansea Road, Boughton Astley, Leicestershire
LE9 6TU, England
Telephone: (44) 203-359-7807
FAX: (44) 203-359-7807

RETURN REQUESTS / INQUIRIES
Direct all warranty and repair request/inquiries to the OMEGA ENGINEERING Customer Service Department. Call toll-free in the USA and Canada: 1-800-622-2378, FAX: 203-359-7811; International: 203-359-1600, FAX: 203-359-7807;
BEFORE RETURNING ANY PRODUCT(S) TO OMEGA, YOU MUST OBTAIN AN AUTHORIZED RETURN (AR) NUMBER FROM OUR CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS). The assigned AR number should then be marked on the outside of the return package and on any correspondence.

FOR WARRANTY RETURNS, please have the following information available BEFORE contacting OMEGA:
1. P.O. number under which the product was PURCHASED.
2. Model and serial number of the product under warranty, and
3. Repair instructions and/or specific problems you are having with the product.

FOR NON-WARRANTY REPAIRS OR CALIBRATION, consult OMEGA for current repair/calibration charges. Have the following information available BEFORE contacting OMEGA:
1. P.O. number to cover the COST of the repair/calibration.
2. Model and serial number of product, and
3. Repair instructions and/or specific problems you are having with the product.

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OMEGA warrants this unit to be free of defects in materials and workmanship and to give satisfactory service for a period of 13 months from date of purchase. OMEGA Warranty adds an additional one (1) month grace period to the normal one (1) year product warranty to cover handling and shipping time. This ensures that our customers receive maximum coverage on each product. If the unit should malfunction, it must be returned to the factory for evaluation. Our Customer Service Department will issue an Authorized Return (AR) number immediately upon phone or written request. Upon examination by OMEGA, if the unit is found to be defective it will be repaired or replaced at no charge. However, this WARRANTY is VOID if the unit shows evidence of tampering with, shows evidence of being damaged as a result of excessive corrosion; or current, heat, moisture or vibration; improper specification; misapplication; misuse or other operating conditions outside of OMEGA’s control. Components which wear or which are damaged by misuse are not warranted. These include contact points, fuses, and triacs.

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