THREE RELAY VERSIONS
(406-3XX3-001 TRANSMITTER)

AC PWR. & RELAY SIDE OF XMTR
L1
L2
GND

TOP VIEW OF XMTR
MULTIPORT II
DREXELBROOK 406-3XX3-001
MODEL NO.

SENSOR SIDE OF XMTR
THREE RELAY VERSIONS
(406-3XX3-001 TRANSMITTER)

A.C. POWER & RELAY CONNECTION SIDE
(WIRE SIZE #12 TO #28 AWG)
(DPDT CONTACTS RATED 120 VAC
5A NON INDUCTIVE, 3A INDUCTIVE)

SENSOR CONNECTION SIDE

GROUND WIRE
CENTER WIRE
SENSOR SECTION A-A

IF A 3RD CONNECTION
(SHIELD/RED SCREW) IS NOT
PROVIDED, INSULATE THIS
WIRE LUG. (USE ELECTRICAL TAPE.)
SEE PG. 1 SYSTEM OFFERINGS

AMETEK®
DREXELBROOK

506-3000 SYSTEM MOUNTING
& WIRING FOR REMOTELY
MOUNTED TRANSMITTER

506-3000-70X-CD1

01/12/00

DRAWN
CHECKED
APPROVED

01/12/00

01/12/00

DATE

CERTIFIED

506-3000-70X-CD1

OF 4

3 8-00-249
2 12-95-246
1 7-95-243
D 9-15-92

9-54-95
8-27-93

TJC
TLR

COPYRIGHT 2000

AMETEK DREXELBROOK

SCALE NONE
UNLESS OTHERWISE STATED
ALL DIMENSIONS IN INCHES UNLESS NOTED

OR. COW

ISS. EDO/DSR NO.

203 KEITH VALLEY RD
HOPSENA PA 19044-5988

215-674-1234
FAX 215-674-2731

2 0 3
RELAY OPERATION

TYPICAL RELAY BEHAVIOR UNDER VARIOUS CONDITIONS

<table>
<thead>
<tr>
<th>SELECTED FAIL SAFE</th>
<th>LEVEL</th>
<th>LED OUTPUT</th>
<th>RELAY CONDITION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLFS</td>
<td>BELOW TRIP POINT</td>
<td>ON</td>
<td>ENERGIZED - OKAY</td>
</tr>
<tr>
<td>LLFS</td>
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</tr>
</tbody>
</table>

NOTE
ANY SETPOINT MAY BE SET TO ANY POINT ON THE PROBE

SENSING ELEMENT

SETPOINT LEVEL 1

MATERIAL LEVEL

SETPOINT LEVEL 2