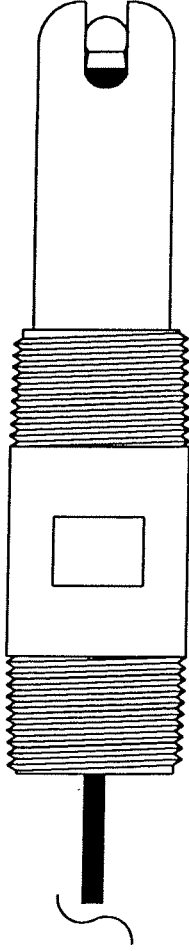


399 SENSOR



399 WIRES

WHITE WIRE - TEMP. COMP.
 BLACK WIRE - REFERENCE
 RED WIRE - pH
 GREEN WIRE - +VDC
 BLUE WIRE - TEMP. COMP.
 JUMPER
 JUMPER

WIRING CONNECTIONS

SOLU-COMP TERM STRIP

TERMINAL 17
 TERMINAL 16
 TERMINAL LUG
 TERMINAL 8
 TERMINAL 18
 TERMINAL 16 & 21

MODEL 54 TERM STRIP

TERMINAL 4
 TERMINAL 7
 TERMINAL 10
 TERMINAL 12
 TERMINAL 5
 TERMINAL 3 & 4
 TERMINAL 7 & 8

1054APH TERM STRIP

TB2-6
 TB2-6
 TB2-1
 TB2-3
 TB2-5
 TB2-6 & TB2-7

2054APH TERM STRIP

TB2-6
 TB2-6
 TB2-1
 TB2-3
 TB2-5
 TB2-6 & TB2-7

NOTE 1: WIRING DIAGRAMS FOR MOST ANALYZERS ARE
 AVAILABLE UPON REQUEST. CONTACT THE
 VAN LONDON TECHNICAL DEPARTMENT AT
 1-800-231-6069.

DRAWN BY	DATE
JF	10/96
DRAWING NUMBER	REVISION
399P8	
APPROVED BY	DATE
SCALE	NONE



VAN LONDON CO. INC.
 HOUSTON, TEXAS

399 SENSOR WITH INTERNAL
 PREAMP WIRED TO
 ROSEMOUNT TRANSMITTER

54epH/ORP -01 -09

A

B

C

D

1

RTD Shield 2

RTD Return 3

RTD Sense 4

RTD In 5

Guard 6

Ref In 7

Solution Ground 8

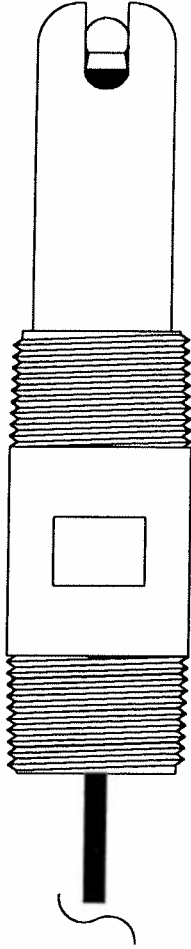
Guard 9

mV In 10

- 5 VDC 11

+ 5 VDC 12

399 SENSOR



399 WIRES

YELLOW WIRE - TEMP. COMP.
 BLACK WIRE - REFERENCE
 RED WIRE - pH
 GREEN WIRE - +VDC
 BLUE WIRE - TEMP. COMP.
 JUMPER
 JUMPER

WIRING CONNECTIONS

SOLU-COMP TERM STRIP

TERMINAL 17
 TERMINAL 16
 TERMINAL LUG
 TERMINAL 8
 TERMINAL 18
 TERMINAL 16 & 21

MODEL 54 TERM STRIP

TERMINAL 4
 TERMINAL 7
 TERMINAL 10
 TERMINAL 12
 TERMINAL 5
 TERMINAL 3 & 4
 TERMINAL 7 & 8

1054APH TERM STRIP

TB2-6
 TB2-6
 TB2-1
 TB2-3
 TB2-5
 TB2-6 & TB2-7

2054APH TERM STRIP

TB2-6
 TB2-6
 TB2-1
 TB2-3
 TB2-5
 TB2-6 & TB2-7

NOTE 1: WIRING DIAGRAMS FOR MOST ANALYZERS ARE
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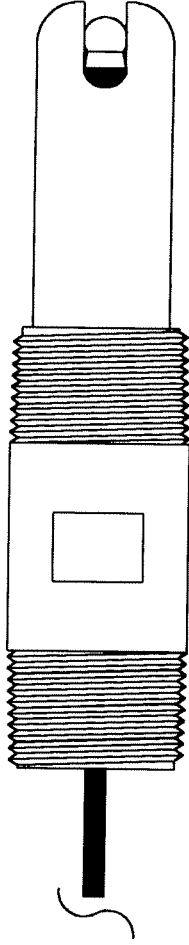
DRAWN BY	DATE
JF	10/96
DRAWING NUMBER	REVISION
399P8	
APPROVED BY	DATE
SCALE	NONE



VAN LONDON CO. INC.
 HOUSTON, TEXAS

399 SENSOR WITH INTERNAL
 PREAMP WIRED TO
 ROSEMOUNT TRANSMITTER

399 SENSOR



WIRING CONNECTIONS

399 WIRES

WHITE WIRE - pH SIGNAL
 RED WIRE - REFERENCE
 BLACK WIRE - (-)VDC
 GREEN WIRE - (+)VDC
 BLUE WIRE - RTD SN
 ORANGE WIRE - RTD RTN
 BROWN WIRE - RTD IN
 JUMPER (SEE NOTE)

2081 TERM STRIP

TERMINAL 1
 TERMINAL 8
 TERMINAL 11
 TERMINAL 4
 TERMINAL 8
 TERMINAL 10 (OPTIONAL)
 TERMINAL 6
 TERMINAL 8 & 10

3081 TERM STRIP

TERMINAL 10
 TERMINAL 7
 TERMINAL 11
 TERMINAL 12
 TERMINAL 4
 TERMINAL 3
 TERMINAL 5
 TERMINAL 7 & 8

TRANSMITTER SETTINGS

2081 TRANSMITTER

JUMPER J1 IN THE INST. MUST BE ON

3081 TRANSMITTER

TEMPERATURE COMPENSATION SELECTION:

JP-1 = Pt1000

JP-2 = Pt100

JP-3 = 3K BALCO

PREAMP SELECTION

SLIDE SWITCH - S1

SENSOR OR J-BOX ← → TRANSMITTER

NOTE: JUMPER REQUIRED IF ORANGE WIRE NOT PROVIDED.

NOTE 1: WIRING DIAGRAMS FOR MOST ANALYZERS ARE
 AVAILABLE UPON REQUEST. CONTACT THE
 VAN LONDON TECHNICAL DEPARTMENT AT
 1-800-231-6069.

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DRAWING NUMBER	REVISION
399P9A	1
APPROVED BY	DATE
SCALE	NONE



VAN LONDON CO. INC.
 HOUSTON, TEXAS

399 SENSOR WITH INTERNAL
 PREAMP WIRED TO
 ROSEMOUNT TRANSMITTER