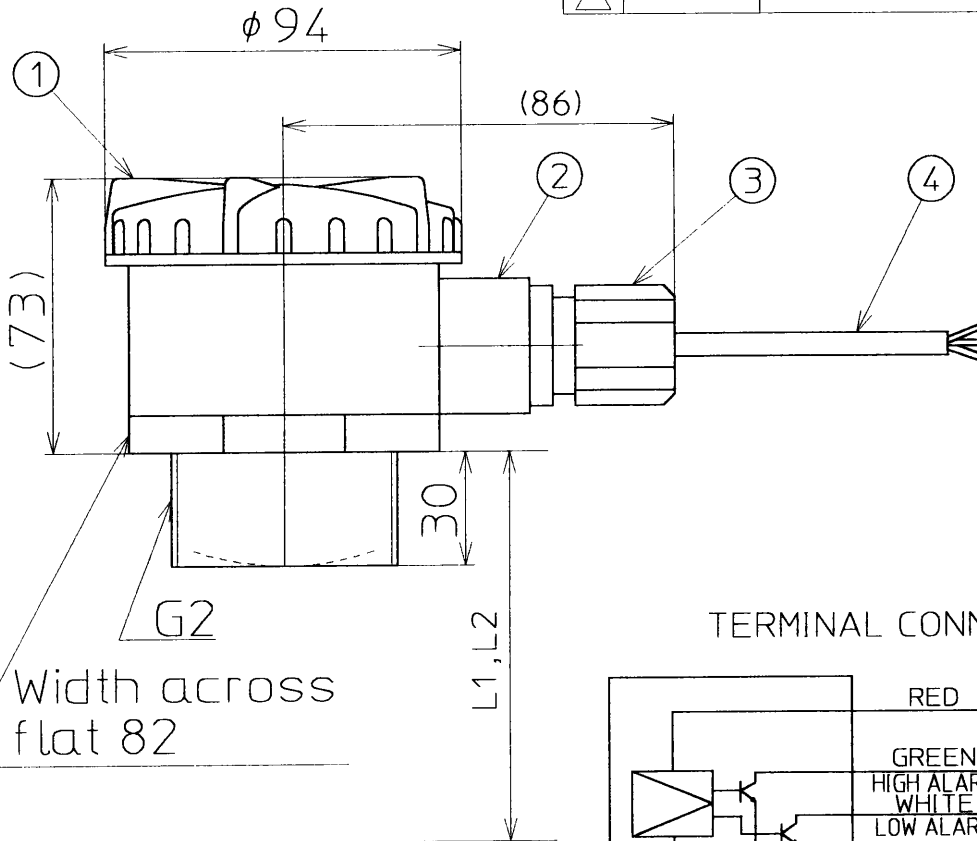
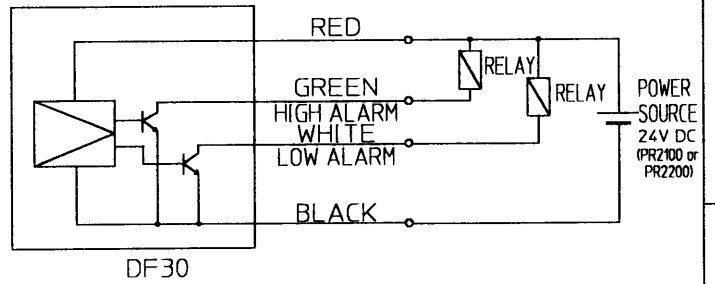


REVISIONS				
REV	DATE	DESCRIPTION	BY	APP. BY
△				
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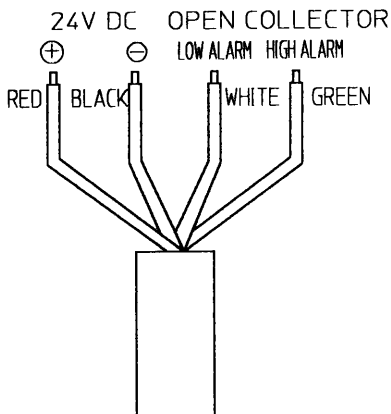
DRAWING NO. CA 233002



TERMINAL CONNECTION



TERMINAL CONNECTION



SET POINT

HIGH ALARM ; L1

LOW ALARM ; L2

CABLE LENGTH

P.NO	Name	Qty.	Material
4	Cable	1	PVC
3	Cable Gland	1	Nylon 66
2	Housing	1	PVC
1	Caver	1	PVC

DATE Mar. 17, 1996	DR. BY <i>M. Yamashita</i>
SCALE N.T.S	CH. BY <i>H. Mori</i>
UNITS mm	APP. BY <i>J. Kawabata</i>

TITLE ULTRASONIC LEVEL SENSOR

MODEL DF 30 SHEET NO.



NOHKEN INC.
OSAKA, JAPAN

DRAWING NO. CA 233002

S P E C I F I C A T I O N S

1. NAME : ULTRASONIC LEVEL SENSOR
2. MODEL : DF 3 0
3. MEASURING OBJECT : Clean liquid
4. OPERATION CHARACTERISTICS
 - 4.1 Operating Display
 - (1)Power Source display : LED (RED)
 - (2)With or without,
reflected Echo display : LED (GREEN)
 - 4.2 Measuring Range : 0.3 ~ 2.0 m
 - 4.3 Set Point : 2 Points
 - 4.4 Setting Range : Adjustable setting with full span
 - 4.5 Oscillation Frequency : 100 kHz
5. ELECTRICAL CHARACTERISTICS
 - 5.1 Power Source : 24 V DC \pm 10 %
 - 5.2 Power Consumption : 2 W Max.
 - 5.3 Output Signal : High alarm Open collector(NPN)
Low alarm Open collector(NPN)
 - 5.4 Contact Rating : 24 V 0.3 A DC Max.
6. MECHANICAL CHARACTERISTICS
 - 6.1 Vibration Proof : 60 m/s² Max.
 - 6.2 Allowable Impact : 100 m/s² Max.
7. ENVIRONMENT
 - 7.1 Working Temperature : 0 to 70 °C
 - 7.2 Working Humidity : 85 %RH Max. (Get rid of dew.)
8. CONSTRUCTION : IP43 (Terminal box)
9. PHYSICAL
 - 9.1 Material : PVC
 - 9.2 Mass : Approx. 500 g
 - 9.3 Mounting Dimension : Mounting plug : G 2 × \varnothing 30
 - 9.4 Accessories : Cable 2 m (Cable diameter size \varnothing 6)

W A R R A N T Y

NOHKEN INC. products are warranted for a period of 1(one) year from date of original factory shipment, provided that handling, operation and maintenance of products shall be subjected to " NOHKEN's INSTRUCTION MANUAL ".