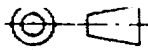


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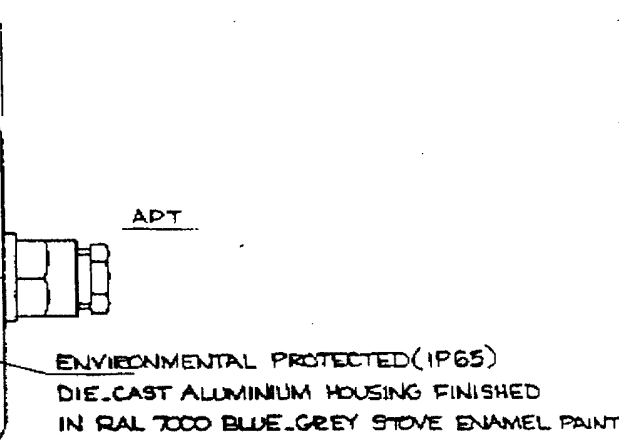
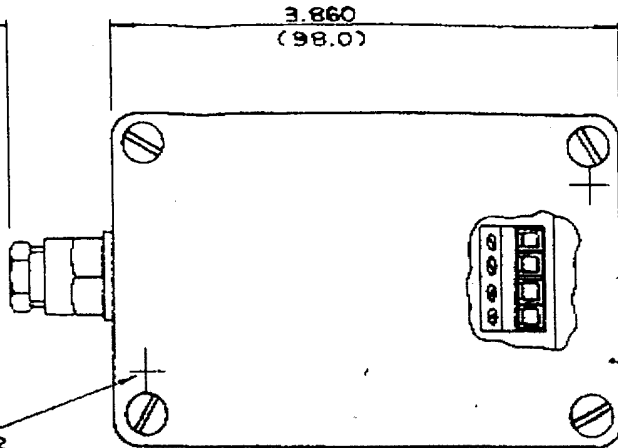
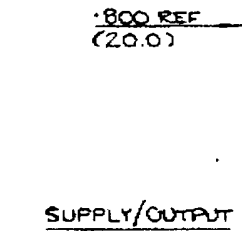
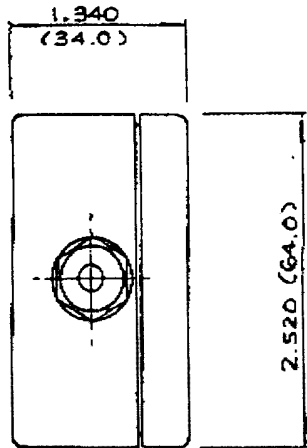
THIRD ANGLE PROJECTION TO B.S. 308



FOR GENERAL TOLERANCES & FINISHES SEE PENNY & GILES STANDARD 55-301. FOR GEOMETRIC TOLERANCES SEE B.S. 308 P13

APPROX. GRID REF.	HOLE REF.	No. OF HOLES	DESCRIPTION	POS TOL.

ON IF IN DOUBT ASK



WALL MOUNTING FIXING CENTRES FOR M4 CH'H'D SCREWS 3.386(86.0) X 1.417(36.0).

ENVIRONMENTAL PROTECTED (IP65) DIE-CAST ALUMINIUM HOUSING FINISHED IN RAL 7000 BLUE-GREY STOVE ENAMEL PAINT

LABEL ON THIS FACE

SPECIFICATIONS @ 24 V dc

SUPPLY VOLTAGE _____ 20 - 30 Vdc
 SUPPLY CURRENT _____ 100 mA MAX
 SUPPLY PROTECTION _____ RIPPLE _____ 15% INPUT
 TRANSIENTS _____ 160V @ 5µs
 REVERSE POLARITY _____ INDEFINITE
 OUTPUT SIGNAL CURRENT _____ 0 - 20 mA, 0 - 10 mA
 OR 4 - 20 mA (SELECTED BY CUSTOMER)
 LOAD RANGE _____ 20 mA MAX 0 - 750 Ω
 _____ 10 mA MAX 0 - 1500 Ω

WIRING CONNECTIONS

SUPPLY/OUTPUT
 CUSTOMER CONNECTIONS TO APPROPRIATE TERMINALS { SUPPLY 24 V dc
 SUPPLY 0 V dc
 OUTPUT +ve
 OUTPUT -ve

APT
 CUSTOMER CONNECTIONS TO APPROPRIATE TERMINALS { INPUT 10V dc
 INPUT 0V dc
 OUTPUT +ve
 OUTPUT -ve

INTERCHANGEABILITY

THE VOLTAGE TO CURRENT CONVERTER MUST BE SET TO EACH APT. IF USED WITH ANY OTHER APT IT MUST BE RE-CALIBRATED.

CUSTOMER NOTE :- TERMINALS IDENTIFIED ON PCB

TEMPERATURE RANGE _____ -20°C TO +60°C
 TEMPERATURE COEFFICIENT _____ 0 to 60°C : 0.08%/°C ; -20 to 0°C : 0.2%/°C
 INFLUENCE OF SUPPLY VOLTAGE VARIATIONS _____ 0.1%/°C
 NOTE :- OVERALL LINEARITY _____ LIN. OF APT + LIN. OF CONVERTER

CUSTOMERS COPY

MATERIAL :-	FINISH :-	TOLERANCES ± 0.10 (25)	SCALE: SIZE DIMS IN (mm)	ISSUE 1	DATE 2.7.85	CHANGE RE.DEN														
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Penny & Giles Christchurch, Dorset. U.K. TITLE: VOLTAGE TO CURRENT CONVERTER FOR APT's SIZE: A3 DRAWING NUMBER: **D41984**