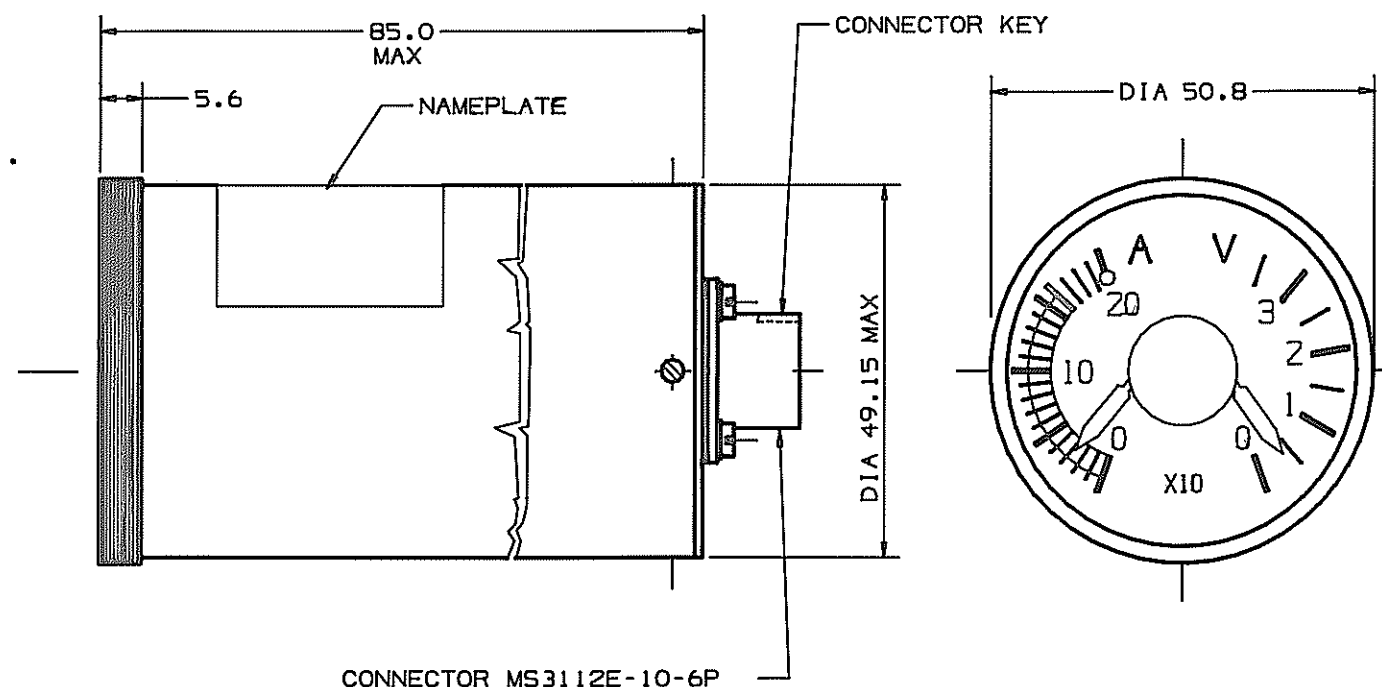


TECHNICAL REQUIREMENTS

- | | |
|--------------------------|--|
| 1) TYPE | : MOVING COIL, DUAL GALVANOMETER |
| 2) RANGE | : 1) AMMETER: FROM 0 TO 200 ADC (SCALE 135 DEGREES).
: 2) VOLTMETER: FROM 0 TO 35 VDC (SCALE 135 DEGREES). |
| 3) ACCURACY | : +/- 2,5% FS AT AMBIENT TEMP.
: +/- 3,5% AT EXTREME OPERATING TEMPERATURE. |
| 4) FRICTION ERROR | : +/- 2% MAX. |
| 5) POSITION ERROR | : +/- 2% MAX. |
| 6) INPUT IMPEDANCE | : 1) AMMETER: 10 OHMS MIN.; 2) VOLTMETER 20K OHMS MIN. |
| 7) SIGNAL SOURCE | : 1) AMMETER: SHUNT 50mVDC=200ADC.
: 2) VOLTMETER: VOLTAGE, 0 TO 35 VDC. |
| 8) CALIBRATION | : 1) AMMETER: LINEAR, 0 TO 50mVDC= 0 TO 200ADC.
: 2) VOLTMETER: LINEAR 0 TO 35VDC. |
| 9) POWER SUPPLY | : NOT REQUIRED. |
| 10) CASE | : 2" ROUND CASE PER MS33639. PAINTED, DULL BLACK
COLOR N.37038 PER FED-STD-595A. |
| 11) SEALING | : ENVIRONMENTAL SEALING ("O"RING). |
| 12) DIAL | : COLOR PER FED-STD-595A.
BACKGROUND: BLACK N.37038.
MARKING: WHITE N.37875.
CHARACTERS PER MS33558:
NUMBERS HEIGHT 3.2; A-V HEIGHT 3.8; X10 HEIGHT 2.5
RANGE MARKINGS AMMETER SCALE:
GREEN ARC FROM 0 TO 160 Amps COLOR No 38901
RED RADIAL AT 160 Amps COLOR No 38905.
RED DOT AT 200 Amps COLOR No 38905. |
| 13) VISIBILITY | : 30 DEGREES MINIMUM. |
| 14) POINTERS | : WHITE, COLOR N.37875 PER FED-STD-595A. |
| 15) NAMEPLATE | : MINIMUM INFORMATION ARE:
NOMECLATURE, MANUFACTURER P/N, SERIAL NUMBER,
MFG DATE, MANUFACTURER NAME AND CODE. |
| 16) GLASS | : ANTIREFLECTIVE PER MIL-C-675. |
| 17) TEMPERATURE RANGE | : OPERATING TEMPERATURE FROM -45°C TO +70°C;
: STORAGE TEMPERATURE FROM -54°C TO +85°C. |
| 18) WEIGHT | : 0,27 KG. MAX. |
| 19) GENERAL REQUIREMENTS | : INSULATION RESISTANCE, 20 MOHMS MIN AT 250VDC.
: ENVIRONMENTAL CONDITIONS PER RTCA D0160B CATEGORY:
TEMP./ALTITUDE -B2, TEMP. VARIATION -B, HUMIDITY -A,
OPERATIONAL SHOCK, VIBRATION -P, SAND AND DUST -D,
MAGNETIC EFFECT -Z, EMC (NOT APPLICABLE). |
| 20) LIGHTING | : WHITE PER MIL-L-27180; POWER SUPPLY 5 VDC - 2 W MAX. |
| 21) MTBF | : > 5000 HOURS. |



CONNECTOR PINS

A	+ SIGNAL VOLTMETER
B	- SIGNAL VOLTMETER
C	+ SIGNAL AMMETER
D	- SIGNAL AMMETER
E	+ 5 VDC TO LAMP
F	- 5 VDC TO LAMP



DIMENSIONS ARE IN mm.

CAD TYP1652

DIS.	<i>[Signature]</i>	QUESTO DISEGNO / SPECIFICA RILASCIATO DALLA FAREM È STRETTAMENTE CONFIDENZIALE, NON PUÒ ESSERE RIPRODOTTO O DIVULGATO IN ALCUN MODO, SENZA L'AUTORIZZAZIONE SCRITTA DELLA DITTA.			
CONTR.	<i>[Signature]</i>	TOLLERANZA SULLE MISURE ± 0,1 - SUGLI ANGOLI 1/2° - SEGNI DI LAVORAZIONE $\nabla\nabla$ DOVE NON È SEGNATO DIVERSAMENTE.			
SO.		MATERIALE /			
ST.		FINITURA /			
DATA	26-3-96	1	17-5-96	4734	<i>[Signature]</i>
SCALA	1:1	N°	DATA	MODIFICHE	DISEGN. APPR.
PESO		DISEGNO N° 11DB16-TYP 1652			
		ORIGINE			