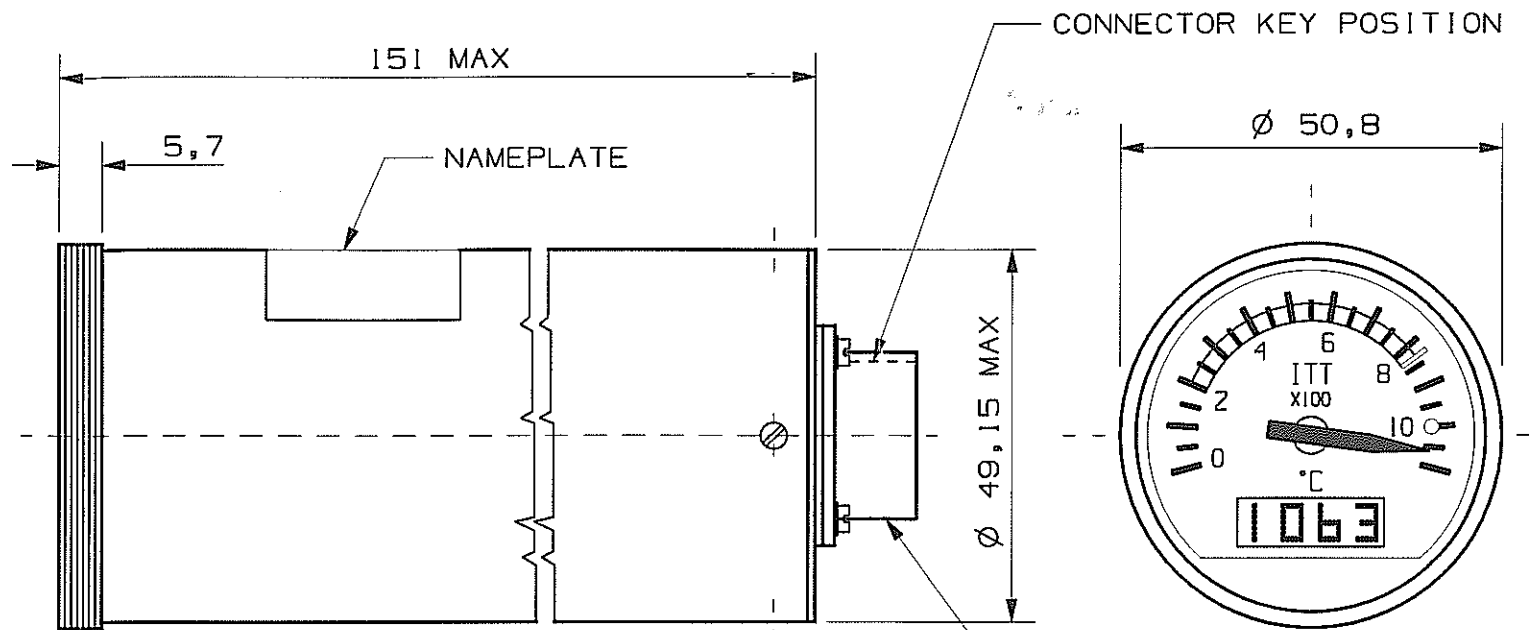


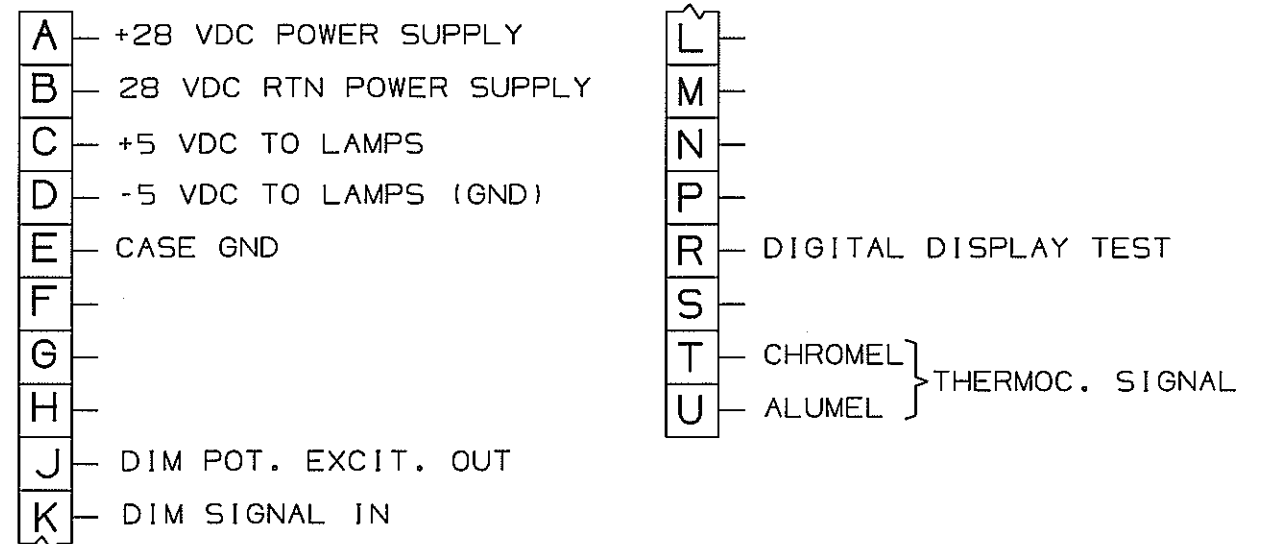
TECHNICAL REQUIREMENTS

- 1) TYPE : GALVANOMETER AND 4 DIGIT LED DISPLAY
- 2) RANGE : FROM 0 TO 1100°C, SCALE 210 DEGREES.
- 3) ACCURACY (% F.S.) : ANALOGUE: AT AMBIENT TEMP. ± 1,5% FROM 600 TO 800°C, ELSEWHERE ± 2,5%
AT EXTREME OPERATING TEMP.: ± 2,5% FROM 600°C TO 800°C, ELSEWHERE ± 3,5%
DIGITAL: ± 0,3% AT AMBIENT TEMPERATURE ± 0,5% AT EXTREME OPERATING TEMPERATURE
- 4) INPUT IMPEDANCE : 60 KOHMS MINIMUM.
- 5) SIGNAL SOURCE : THERMOCOUPLE CHROMEL-ALUMEL
- 6) CALIBRATION : 0°C=0mVdc; 200°C=8.13mVdc; 400°C=16.4mVdc; 600°C=24.91mVdc; 800°C=33.3mVdc; 1000°C=41.31mVdc; 1100°C=45.16mVdc.
- 7) POWER SUPPLY : 28 VDC (FROM 12 TO 32 VDC), 6W MAX.
- 8) POSITION ERROR : <2% F.S. MAX.
- 9) FRICTION ERROR : <2% F.S. MAX.
- 10) LIGHTING : WHITE PER MIL-L-27160; POWER SUPPLY 5VDC - 2W MAX.
- 11) CASE : 2" ROUND CASE PER MS33639. PAINTED, DULL GRAY COLOR N° 36118 PER FED-STD-595A.
- 12) SEALING : ENVIRONMENTAL SEALING ("O"RING).
- 13) DIAL : COLOR PER FED-STD-595A.
BACKGROUND: BLACK N° 3703B.
MARKING: WHITE N.37875.
CHARACTERS: TYPE R41 MERCATOR "E"
NUMERALS: HEIGHT 2,4 mm
ITT: HEIGHT 2,7 mm
°C: HEIGHT 2,6 mm
X 100: HEIGHT 1,8 mm
MARKINGS: MAJOR= 4 X 0,6 MM
MINOR= 2,7 X 0,5 mm
RED LINE= 4 X 0,6 mm
RED DOT= DIA 2 mm
RANGE MARKINGS:
-GREEN ARC FROM 200 TO 830°C, COLOR N° 38901
-RED LINE AT 830°C, COLOR N° 38905
-RED DOT AT 1000°C, COLOR N° 38905
- 14) VISIBILITY ANGLE : 20 DEGREES MINIMUM.
- 15) POINTER : WHITE, COLOR N° 37875 PER FED-STD-595A.
- 16) NAMEPLATE : MINIMUM INFORMATION ARE:
NOMENCLATURE, MANUFACTURER P/N, SERIAL NUMBER, MFG DATE, MANUFACTURER NAME AND CODE.
- 17) GLASS : ANTIREFLECTIVE PER MIL-C-675.
- 18) OPER. TEMP. RANGE : FROM -35°C TO +60°C
- 20) STORAGE TEMPERATURE : FROM -55°C TO +85°C
- 21) WEIGHT : 0,4 KG MAX
- 22) GENERAL REQUIREMENTS : - REFERENCE TO PIAGGIO SPECIFICATION "PS 180-77-04 REV. 0"
- ENVIRONMENTAL: DO 160B CAT. D1CA01IMXXXXFSBZAZZZZ
- 23) DIGITAL DISPLAY : UP-DATE TIME 1 SECOND FOR Δ >8°C, ELSEWERE 4.5 SECONDS
DOT MATRIX CHARACTERS TYPE - DIGIT HEIGHT 4,8 mm
BRIGHTNESS COORDINATE WITH EXT. DIMMING POT.
COLOR YELLOW
- 24) MTBF : 5000 HOURS MIN. EXCLUDING FILAMENTS



CONNECTOR MS3470L14-18P OR EQUIVALENT TO BE MATED WITH MS3126F14-18S OR EQUIVALENT

CONNECTOR PINS



DIMENSIONS ARE IN mm

DISEGN. RIGGIO	QUESTO DISEGNO/SPECIFICA RILASCIATO DALLA FAREM S.R.L. E' STRETTAMENTE CONFIDENZIALE, NON PUO' ESSERE RIPRODOTTO O DIVULGATO IN ALCUN MODO SENZA L'AUTORIZZAZIONE SCRITTA DELLA DITTA.			
CONTROLL. <i>[Signature]</i>	TOLLERANZA SULLE MISURE ± 0,1 - SUGLI ANGOLI 1/2 GRADO - SEGNI DI LAVORAZIONE <i>[Symbol]</i> DOVE NON INDICATO DIVERSAMENTE.			
DATA 13.12.01	MATERIALE /	2	13.12.01	5095
SCALA 1:1	FINITURA /	1	11.01.01	5035
O.TA. /		0	15.03.00	---
PESO /		N°	DATA	MODIF. DIS. CONTR.
	FAREM S.R.L.	DISEGNO N° 08DM13 TYP 1745		
	TEMPERATURE INDICATOR (ITT)	ORIGINE		