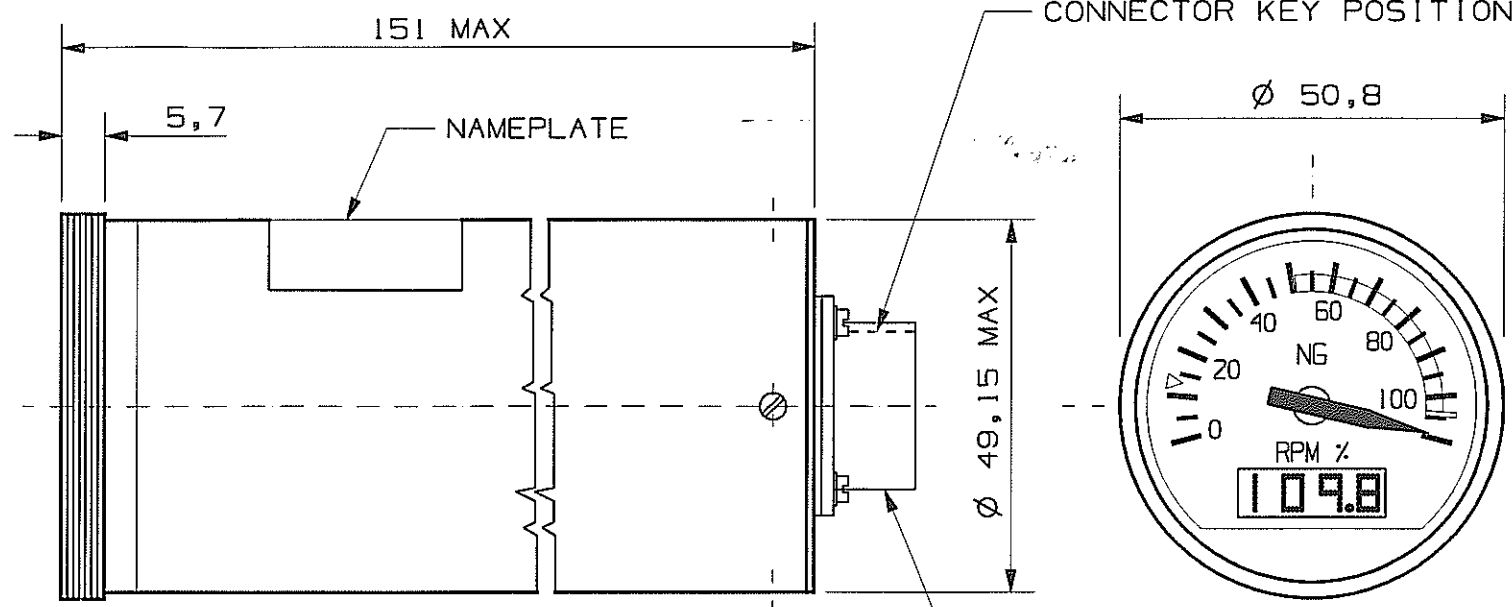


TECHNICAL REQUIREMENTS

- 1) TYPE : GALVANOMETER AND 4 DIGIT LED DISPLAY
- 2) RANGE : ANALOGUE FROM 0 TO 110% RPM, SCALE 210 DEGREES
DIGITAL FROM 0 TO 110%
- 3) ACCURACY (% F.S.) : ANALOGUE: ±2% AT AMBIENT TEMPERATURE
±3% AT EXTREME OPERATING TEMPERATURE
DIGITAL: ±0,2% AT AMBIENT TEMPERATURE
±0,3% AT EXTREME OPERATING TEMPERATURE
- 4) INPUT IMPEDANCE : 30 KOHMS MINIMUM.
- 5) SIGNAL SOURCE : VOLTAGE: 0,5 Vpp AT 66 Hz; 3 Vpp AT 333 Hz; 7 Vpp AT 1400 Hz
- 6) CALIBRATION : 0%: 0 Hz; 100%: 1400 Hz
- 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.37038.
MARKING: WHITE N° 37875.
CHARACTERS: TYPE R41 MERCATOR "E"
NUMERALS: HEIGHT 2,4 mm
NG: HEIGHT 2,7 mm
RPM %: HEIGHT 2,6 mm
MARKINGS: MAJOR: 4 X 0,6 MM
MINOR: 2,7 X 0,5 mm
RED LINE: 4 X 0,6 mm
BLU TRIANGLE: 2 mm
RANGE MARKINGS:
-GREEN ARC FROM 51 TO 104,1% RPM, COLOR N° 38901
-RED LINE AT 104,1% RPM, COLOR N° 38905
-BLU TRIANGLE AT 13% RPM, COLOR N° 35177
- 14) VISIBILITY ANGLE : 20 DEGREES MINIMUM.
- 15) POINTER : WHITE, COLOR N° 37875 PER FED-STD-595A.
- 16) NAMEPLATE : MINIMUM INFORMATIONS 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
- 19) STORAGE TEMPERATURE : FROM -55° C TO +85° C
- 20) WEIGHT : 0,4 KG MAX
- 21) GENERAL REQUIREMENTS :- REFERENCE TO PIAGGIO SPECIFICATION "PS 180-77-04 REV. 0"
- ENVIRONMENTAL: DO 160B CAT. DICAαIMXXXXFSBZAZZZ
- 22) DIGITAL DISPLAY : UP-DATE TIME 1 SECOND FOR Σ >1,2 RPM, ELSEWERE 4.5 SECONDS
DOT MATRIX CHARACTERS TYPE - DIGIT HEIGHT 4,8 mm
BRIGHTNESS COORDINATE WITH EXT. DIMMING POT.
COLOR YELLOW
- 23) MTBF : 5000 HOURS MIN. EXCLUDING FILAMENTS



CONNECTOR MS3112E14-19P OR EQUIVALENT TO BE MATED WITH MS3126F14-19S OR EQUIVALENT

CONNECTOR PINS

- A - +28 VDC POWER SUPPLY
- B - 28 VDC RTN POWER SUPPLY
- C - +5 VDC TO LAMPS
- D - -5 VDC TO LAMPS (GND)
- E - CASE GND
- F - SIGNAL INPUT (H)
- G - SIGNAL INPUT (L)
- H -
- J - DIM POT. EXCIT. OUT
- K - DIM SIGNAL IN
- L -
- M -
- N -
- P -
- R - DIGITAL DISPLAY TEST
- S -
- T -
- U -
- V -

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.				
CONTR. L.	TOLLERANZA SULLE MISURE ± 0,1 - SUGLI ANGOLI 1/2 GRADO - SEGNI DI LAVORAZIONE DOVE NON INDICATO DIVERSAMENTE.				
DATA 13.12.01	MATERIALE	/			
SCALA 1:1	FINITURA	/			
Q.TA' /	FAREM S.R.L.		N°	DATA	MODIF. DIS. CONTR.
PESO /	DENOMINAZIONE TURBINE SPEED IND. (NG)		DISEGNO N° 15DM14A TYP 1744		
			ORIGINE		