

MP 120

-	-	가
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-	-	-

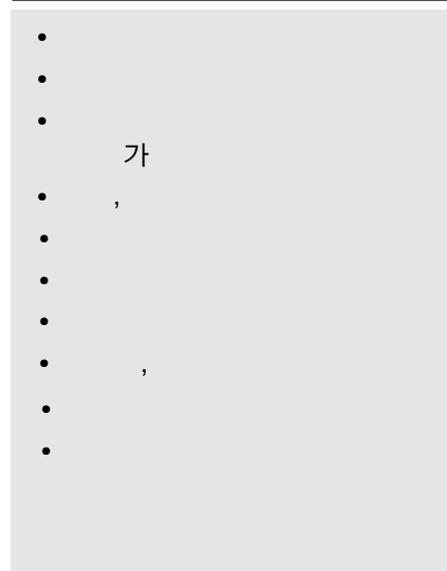
	250 mbar
	Ø 6.2 mm
	4 , LCD, 50*36mm
	2 () - 5 , 7
	2 () - 5 , 16
	ABS , IP 54
	5
	Directives CEM 2004/108/CE and NF EN 61010-1
	4 batteries AAA LR03 1.5 V
	180
	Neutral gas
	From 0 to +50 °C
	From -20 to +80 °C
	0 ~ 120 가
	220 g

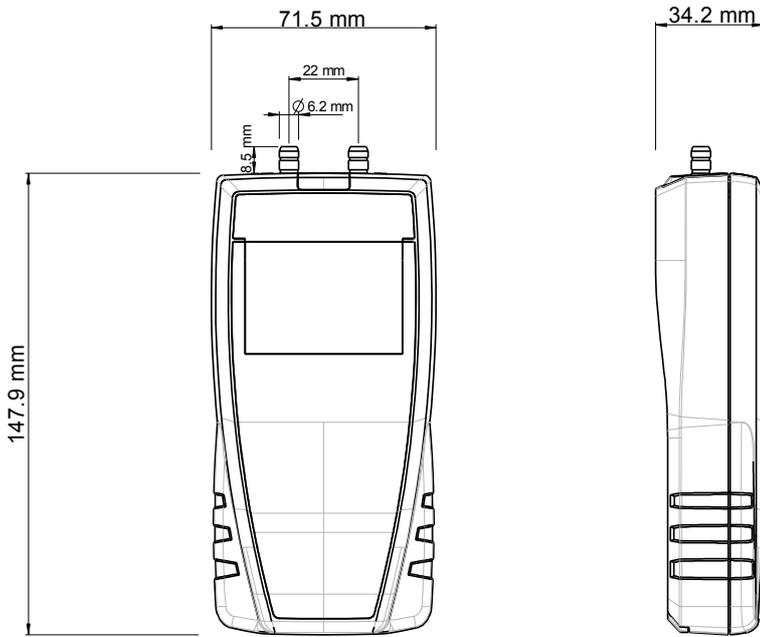


		1	
Pa, mmH ₂ O inWg, daPa, m/s, fpm	From -1000 to +1000 Pa	±0.5% of reading ±2 Pa	1 Pa

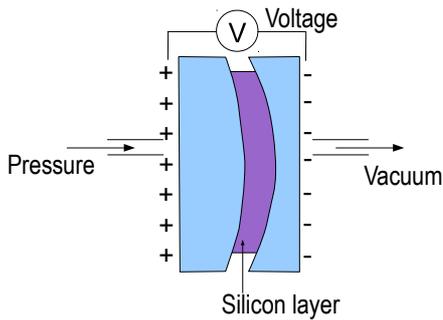
		1	
m/s, fpm, km/h	De 0 à 40 m/s	From 2 to 5 m/s : ±0.7 m/s From 5 to 40 m/s : ±0.5% of reading ±0,3 m/s	0.1 m/s

¹All the accuracies indicated in this technical datasheet were stated in laboratory conditions, and can be guaranteed for measurements carried out in the same conditions, or carried out with calibration compensation





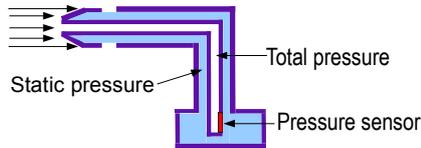
The pressure deforms the silicon layer. This layer deformation generates a voltage at its terminations. This voltage is proportional to the pressure applied



Dynamic pressure is measured by Pitot tube:
 $P_d = \text{Total pressure (Pt)} - \text{Static pressure (Ps)}$
 Air velocity is calculated according to Bernoulli simplified formula.

Formula with temperature correction :

$$V_{\text{mis}} = K \times \sqrt{\frac{574,2 \theta + 156842,77}{P_0}} \times \sqrt{\Delta P_{\text{en Pa}}}$$



P_0 = Barometric pressure in Pa
 θ = Temperature in °C
 K = Pitot tube coefficient

- 2x1 m
- Ø 4 x 7 mm
- Ø 6 x 100 mm



CQ 15 :



JTC ou JTY :

T, Y Ø 5x8 mm

Ø 3/6 or
 8mm, bent or straight



MT 51 :

ABS



(02-338-0023)

1

가

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