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AIR SPEED TRANSMITTERS AND TEMPERATURE

HD 103T.0 ACTIVE AIR SPEED TRANSMITTER

Active transmitter air velocity and temperature, with omnidirectional hot wire probe.

TECHNICAL SPECIFICATIONS

Air speed measuring range

- Range: 0...5 m/s
- Accuracy : $\pm 0,04$ m/s (0...0,99 m/s), $\pm 0,2$ m/s (1...5 m/s)
- Compensation temperature: 0...80 °C

Temperature

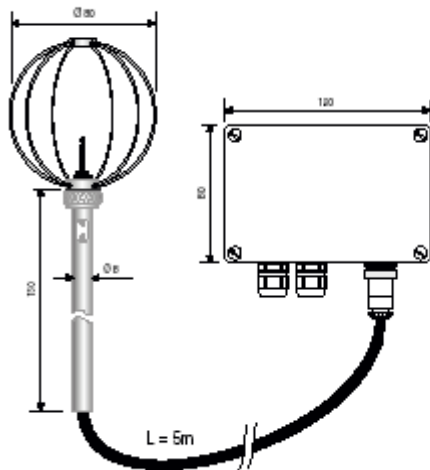
- Range: -20...80 °C
- Accuracy: $\pm 0,3$ °C (0...70 °C), $\pm 0,4$ remaining range

Outputs (Air speed and temperature)

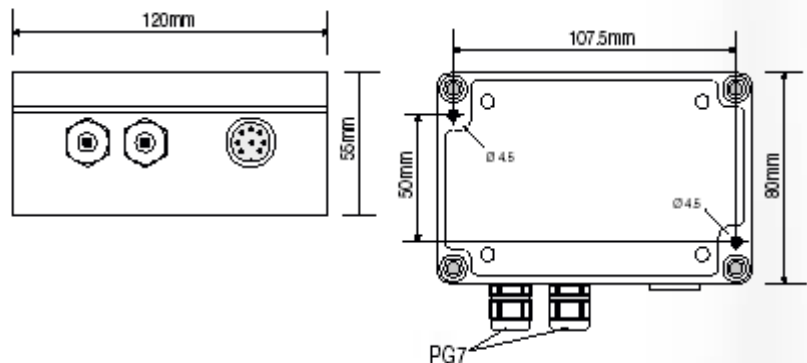
- 4...20mA, 0...20mA, 0...10V
- Jumper selectable
- Load resistance
- Maximum 500 Ω current output
- Maximum 100k Ω voltage output

Power supply

- 24 Vca $\pm 10\%$. 50...60 Hz (standard)
- 110 Vca y 230 Vca $\pm 10\%$ 50...60 Hz (on request)



DIMENSIONS



MODELS FOR DUCT

Common features for all the series described later

TO MODELS

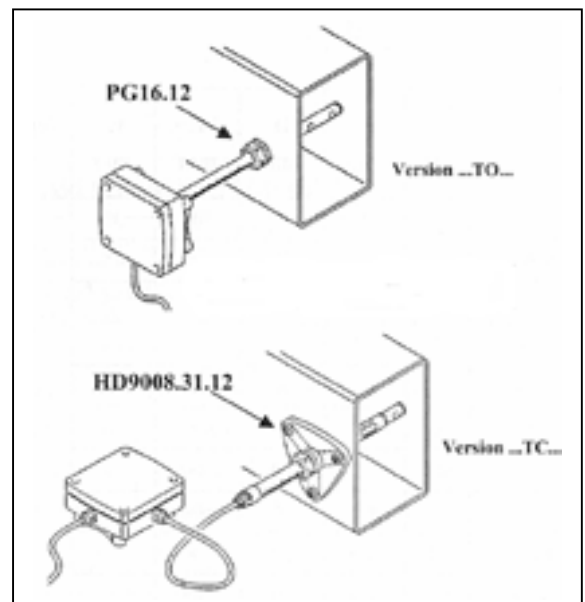
Aisi 304 steel probe directly connected to the housing with electronics (monobloc)

-TO 1 $\varnothing$ 12 x 215 mm
-TO 2 $\varnothing$ 12 x 412 mm
-TO 3 $\varnothing$ 12 x 574 mm

TC MODELS

Aisi 304 steel probe connected to the electronics by cable

-TC 12 $\varnothing$ 12 x 227 mm cable 2 m
-TC 22 $\varnothing$ 12 x 424 mm cable 2 m
-TC 32 $\varnothing$ 12 x 574 mm cable 2 m
-TC 15 $\varnothing$ 12 x 227 mm cable 5 m
-TC 25 $\varnothing$ 12 x 424 mm cable 5 m
-TC 35 $\varnothing$ 12 x 574 mm cable 5 m
-TC 110 $\varnothing$ 12 x 227 mm cable 10 m
-TC 210 $\varnothing$ 12 x 424 mm cable 10 m
-TC 310 $\varnothing$ 12 x 570 mm cable 10 m



**HD 2903 T.. HD 29V3 T..
AIR SPEED TRANSMITTERS**

TECHNICAL SPECIFICATIONS

Power supply 16 a 40 Vcc, o 12 a 24 Vca
Output 4...20 mA 2903 T.. Models
0...10Vcc 29V3 T.. Models
Operating temperature probe -30 a 80 °C
Jumper selectable range
Model L 0...1 m/ s, 0...1,5 m/ s, 0...2 m/ s
Model H 0...10 m/ s, 0...15 m/ s, 0...20 m/ s



**HD 2937 T.. HD 29V37 T..
AIR SPEED AND TEMPERATURE TRANSMITTERS**

TECHNICAL SPECIFICATIONS

Power supply 16 a 40 Vcc, o 12 a 24 Vca
Output 4...20 mA 2903 T.. Models
0...10Vcc 29V3 T.. Models
Temperature range -10 a 60 °C
Operating temperature probe -30 a 80 °C
Jumper selectable range
Model L 0...1 m/ s, 0...1,5 m/ s, 0...2 m/ s
Model H 0...10 m/ s, 0...15 m/ s, 0...20 m/ s



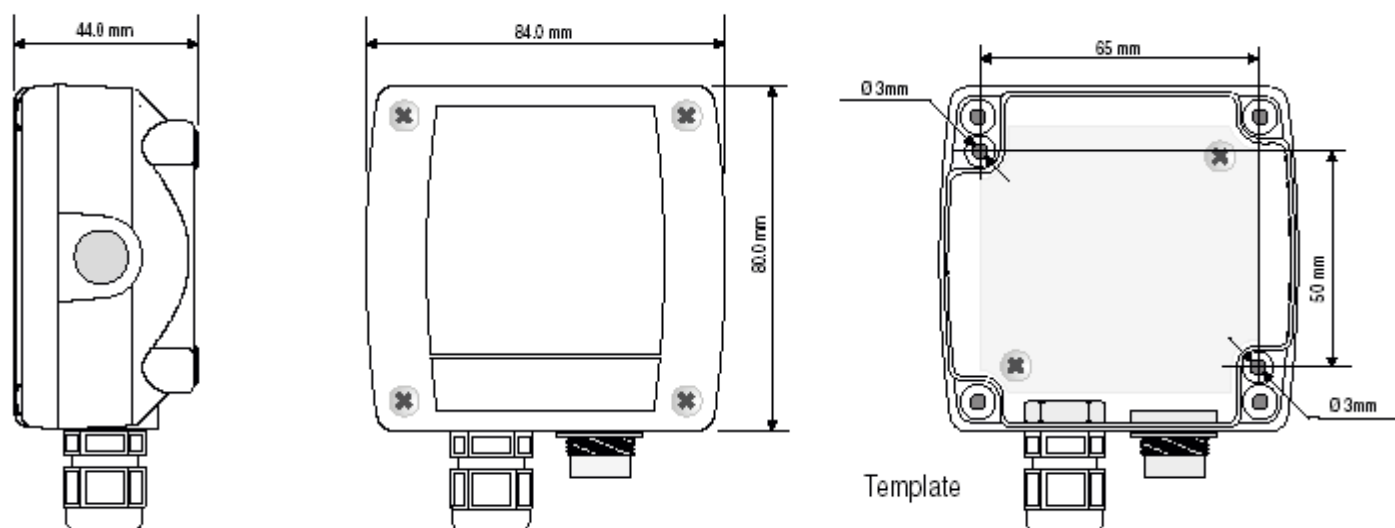
**HD 29371 T.. HD 29V371 T..
AIR SPEED, TEMPERATURE AND HUMIDITY
TRANSMITTERS**

TECHNICAL SPECIFICATIONS

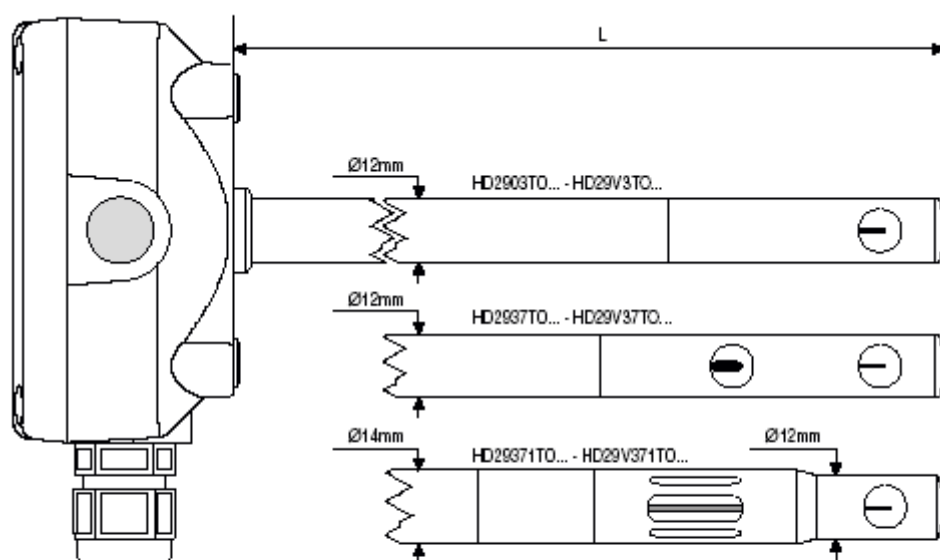
Power supply 16 a 40 Vcc, o 12 a 24 Vca
Output 4...20 mA 2903 T.. Models
0...10Vcc 29V3 T.. Models
Temperature range -10 a 60 °C
Humidity range 0 a 100%HR
Operating temperature probe -30 a 80 °C
Jumper selectable range
Model L 0...1 m/ s, 0...1,5 m/ s, 0...2 m/ s
Model H 0...10 m/ s, 0...15 m/ s, 0...20 m/ s

MODELS AVAILABLES

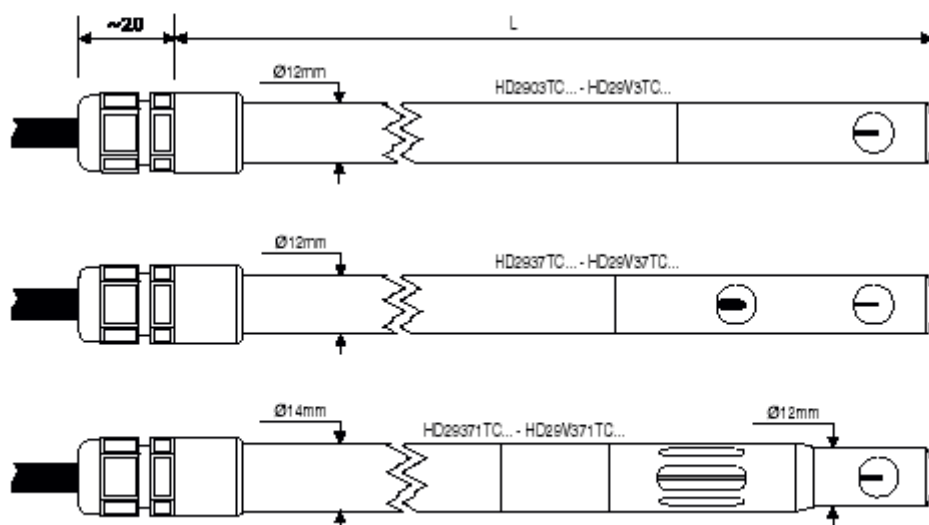
MODEL	OUTPUT		MEASUREMENTS		
	4...20 mA	0...10 Vcc	AIR SPEED	TEMPERATURE	RELATIVE HUMIDITY
HD 2903 T..					
HD 29V3 T..					
HD 2937 T..					
HD 29V37 T..					
HD 29371 T..					
HD 29V371 T..					



TO series



TC series



HD 403 TS.. HD 4V3 TS.. AIR SPEED TRANSMITTERS

FEATURES

Composed of two models with electronics box and four different probe models.

Power supply 16 a 40 Vcc, or 24 Vca

Output 4...20 mA HD 403 T.. models

0...10Vcc HD 4V3 T.. models

S1. Probe Directional probe Ø 8 x 235 mm. Cable de 2 m.
Range 0,05 to 40 m/s

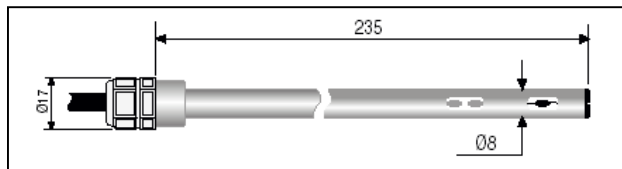
S2. Probe Omnidirectional probe Ø 8 x 250 mm. Cable de 2m
Range 0,05 to 5 m/s

S3. Probe Flexible directional probe Ø 8 x 330 mm. Cable de 2m.
Range 0,05 a 40 m/s

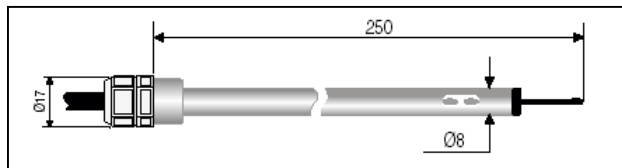
S4. Probe Omnidirectional probe Ø 8 x 215 with wired protective cover
Ø 80 mm. Equipped with tripod. 195-245-310 mm.
Range 0,05 a 5 m/s



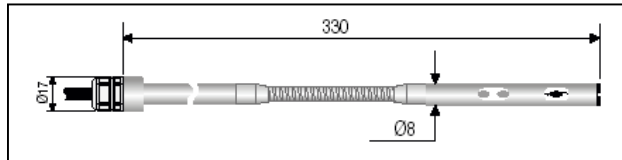
S1 Probe



S2 Probe



S3 Probe



S4 Probe

