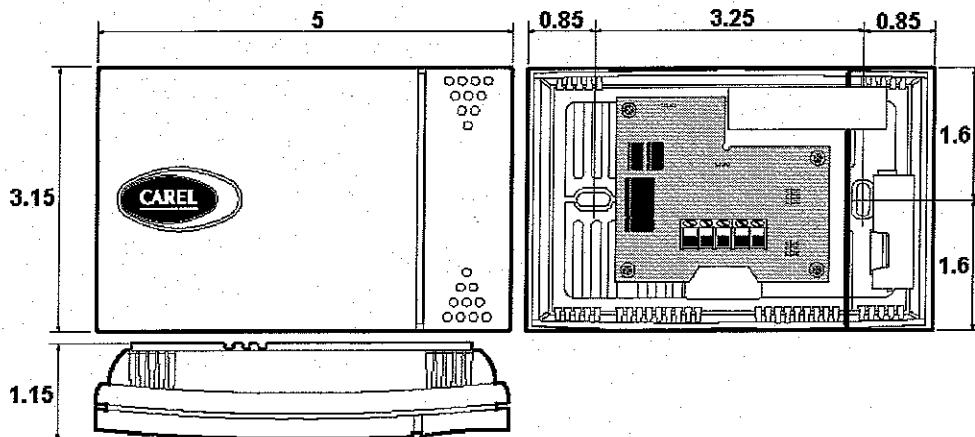


# Submittal Data

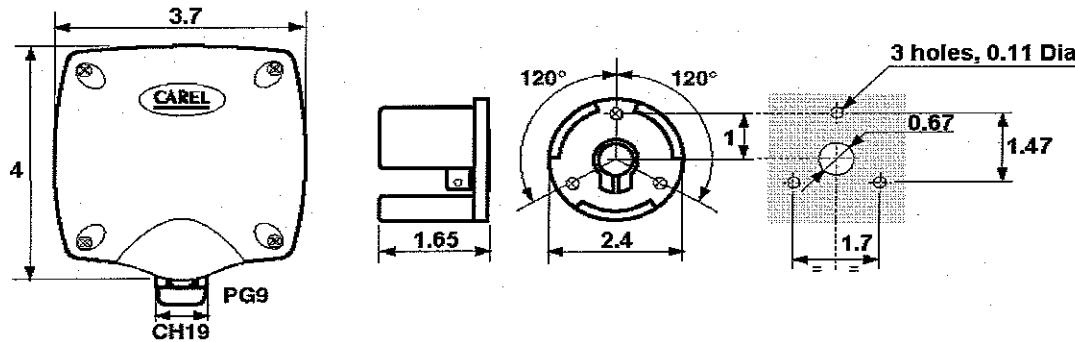
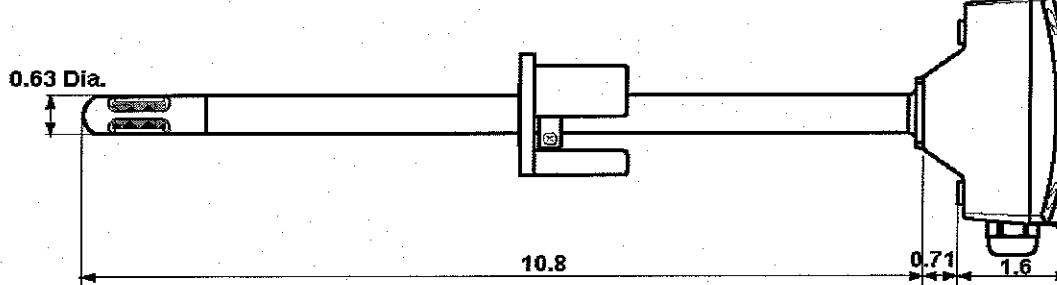
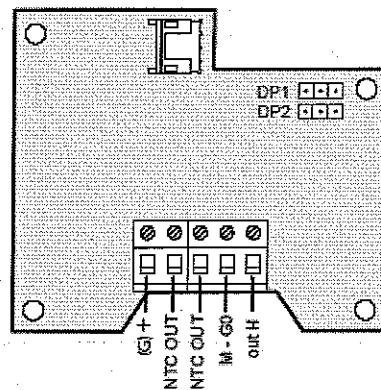
## DPWC / DPDC – Wall – Duct Temperature/Humidity Sensors



DPWxxx1xxx Out NTC Res. temperature  
DPDxxx1xxx 0...1 V o 4-20 mA -0.5-1 Vdc humidity  
DPPxxx1xxx

DP1	<input checked="" type="checkbox"/>	ON	-0.5 to 1 V	R min. 1 kohm
DP2	<input type="checkbox"/>	OFF		
DP1	<input type="checkbox"/>	OFF	0 to 1 V	R max 100 kohm
DP2	<input checked="" type="checkbox"/>	ON		
DP1	<input type="checkbox"/>	OFF	4 to 20 mA	R max 100 kohm
DP2	<input checked="" type="checkbox"/>	ON		

Jumpers for configuring the outputs:  
on models with two active outputs both  
are configured in the same way.



# Submittal Data

## DPWC / DPDC – Wall – Duct Temperature/Humidity Sensors

Power supply	from 9 to 30 Vdc 12 to 24 Vac tolerance -10%, +15%
Current input (0 to 1, V 4-20 mA active outputs)	voltage output, load 10kΩ, 2 outputs Vout max 10 mA @ 12 Vdc power supply 8 mA @ 24 Vdc power supply - current output, 2 x 20 mA outputs 35mA @ 12 Vdc power supply 24mA @ 24 Vdc power supply
AC power consumption (VA)	50mA @ 12 Vac power supply 24mA @ 24 Vac power supply 0.6 VA max power consumption / sensor
AC power consumption (VA)	35 – 49mA RMS @ 12 Vac 25 – 33mA RMS @ 24 Vac 0.8 VA max power consumption / sensor
Operating range	<b>DPW sensors</b> Temperature: from -10 °C to +60 °C (14 to 140 F) Humidity: from 10 to 90 % rH <b>DPD and DPP sensors</b> Temperature: from -20 °C to +70 °C (-4 to 158 F) Humidity: from 10 a 90 % rH and from 0 to 100 % rH, according to the model
Precision	<b>temperature range is:</b> -10 to 60 °C NTC resistive: ±0.3°C at 25°C, ±0.5°C from 0°C to 50°C, ±0.7°C -20T70 °C <b>Humidity:</b> -0.5/1V, 0/1V and 4/20 mA, ±3% rH at 25°C (77 F) /50% rH, ±5% rH -20 to 70 °C (-4 to 158 F) and 10-90 % rH ±2% rH at 25°C (77 F) /50% rH, ±5% rH -20 to 70 °C (-4 to 158 F) and 0-100 % rH
Storage	-20 to 70 °C (-4 to 158 F); 10-90% rH non-condensing
Operating limits versions	-10 to 60 °C (14 to 140 F); 10-90% rH non-condensing for DPW -20 to 70 °C (-4 to 158 F); 0-100% rH non-condensing for DPD / DPP versions
Temperature sensor	NTC 10KΩ at 25°C (77 F) 1%
Humidity sensor	Capacitive sensor