



## A-CAN-DG-V4

- 1 - 8 channels Wheatstone bridge amplifier with temperature compensation
- 2 - 16 channels analog to CAN converter for 0...5V signals
- 3 - 16 channels analog to CAN converter for -10...+10V signals
- 4 - 8 channels analog to CAN converter for voltage and RTD

\* contact us for additional details and ordering ref  
info@texense.com

Common :

Input supply voltage  
Input supply current at 12V

6 to 30V  
≤ 30 mA internal  
≤ 400mA with max load  
5V (with supported bridge  
impedance from 120Ω to 10kΩ)  
5V, 8.5V, 12V or Direct  
45mA per channel / connector

Dimension  
Material  
Weight  
Protection  
Vibration test  
Shock  
Operating temp.  
Storage temp.

22 x 26 x 85 mm  
Aluminum  
100g  
IP65  
20Gpp 5'  
500  
-40 to +125 degC  
-40 to +125 degC

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Pin	Channel			
	#1	#2	#3	#4
1	5V Supply output			
2	GND			
3	Bridge 1 +	Bridge 2 +	Bridge 3 +	Bridge 4 +
4	Bridge 1 -	Bridge 2 -	Bridge 3 -	Bridge 4 -
5	TH 1	TH 2	TH 3	TH 4

Pin	Channel			
	#5	#6	#7	#8
1	5V Supply output			
2	GND			
3	Bridge 5 +	Bridge 6 +	Bridge 7 +	Bridge 8 +
4	Bridge 5 -	Bridge 6 -	Bridge 7 -	Bridge 8 -
5	TH 5	TH 6	TH 7	TH 8

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Pin	Connector			
	#1	#2	#3	#4
1	Supply output			
2	GND			
3	ANA 1	ANA 2	ANA 3	ANA 4
4	ANA 9	ANA 10	ANA 11	ANA 12
5	NC	NC	NC	NC

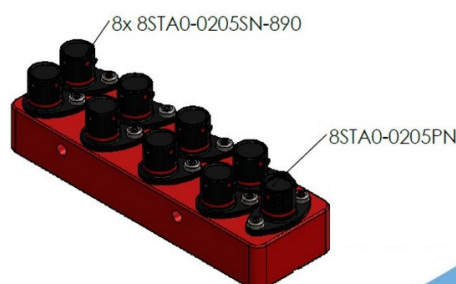
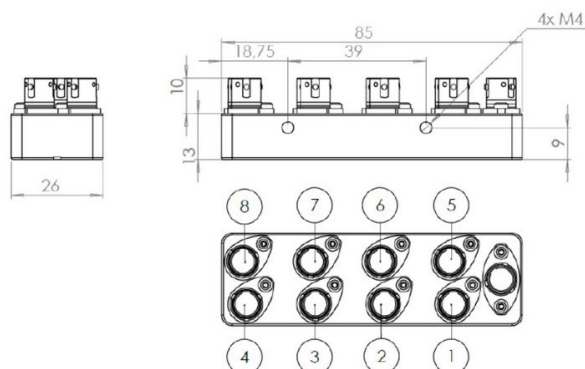
Pin	Connector			
	#5	#6	#7	#8
1	Supply output			
2	GND			
3	ANA 5	ANA 6	ANA 7	ANA 8
4	ANA 13	ANA 14	ANA 15	ANA 16
5	NC	NC	NC	NC

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Pin	Channel			
	#1	#2	#3	#4
1	Supply output			
2	GND			
3	ANA 1	ANA 2	ANA 3	ANA 4
4	RTD 1 +	RTD 2 +	RTD 3 +	RTD 4 +
5	RTD 1 -	RTD 2 -	RTD 3 -	RTD 4 -

Pin	Channel			
	#5	#6	#7	#8
1	Supply output			
2	GND			
3	ANA 5	ANA 6	ANA 7	ANA 8
4	RTD 5 +	RTD 6 +	RTD 7 +	RTD 8 +
5	RTD 5 -	RTD 6 -	RTD 7 -	RTD 8 -

Connector #1 to #8 8STA0-0205SN mating: 8STA6-0205PN



In the interest of continuous product improvement, we reserve the right to alter without prior notice the specifications and features described in this document.

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