

S2000 Series Electronics for Positive Displacement Flow Meter

1. Pulse output

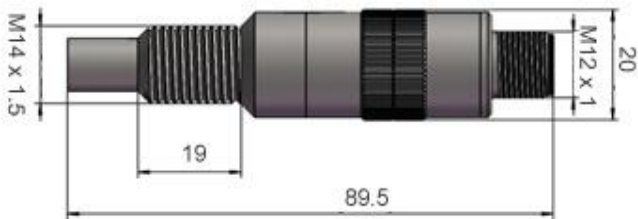


Specifications	
Power supply	10...30VDC
No load current	<9mA
Output	Push-Pull (PNP / NPN)
Reverse polarity protection	Yes
Short circuit protection	Yes
Ambient temperature	-40...185°F (-40...85°C)
Probe operating temperature	-40...210°F (-40...100°C)
	-40...300°F (-40...150°C)
	-40...450°F (-40...230°C)
Electrical connection	M12 x 1 plug
Protection class	IP67

Wiring

M12 plug				PNP		NPN	
	Pin	Color	Signal				
	1	Brown	Power +				
	4	Black	Pulse				
	3	Blue	Power -				

Dimensions in mm



2. Linearized pulse output

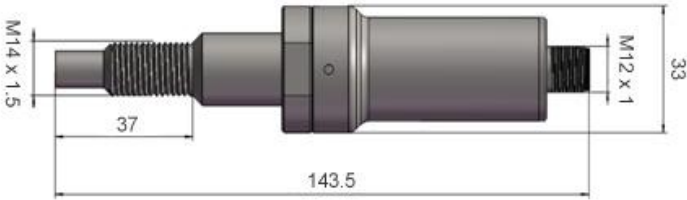


Specifications	
Power supply	12...30VDC
No load current	<20mA
Output	Push-Pull (PNP / NPN)
Reverse polarity protection	Yes
Short circuit protection	Yes
Ambient temperature	-40...185°F (-40...85°C)
Probe operating temperature	-40...210°F (-40...100°C)
	-40...300°F (-40...150°C)
	-40...450°F (-40...230°C)
Electrical connection	M12 x 1 plug
Protection class	IP67

Wiring

M12 plug				PNP	NPN
	Pin	Color	Signal		
	1	Brown	Power +		
	4	Black	Pulse		
	3	Blue	Power -		

Dimensions in mm



3. Linearized Analog output (4...20mA)

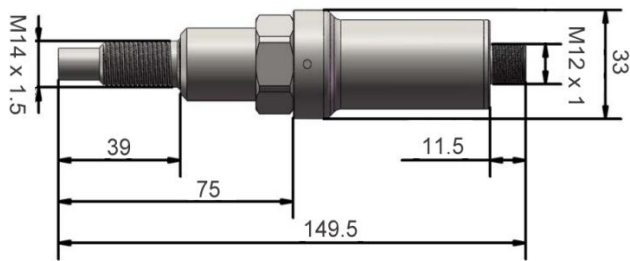


Specifications	
Power supply	10...30VDC
No load current	<12mA
Output	3-wire 4...20mA
Reverse polarity protection	Yes
Short circuit protection	Yes
Ambient temperature	-40...185°F (-40...85°C)
Probe operating temperature	-40...210°F (-40...100°C)
	-40...300°F (-40...150°C)
	-40...450°F (-40...230°C)
Electrical connection	M12 x 1 plug
Protection class	IP67

Wiring

M12 plug			4...20mA												
	<table border="1"><thead><tr><th>Pin</th><th>Color</th><th>Signal</th></tr></thead><tbody><tr><td>1</td><td>Brown</td><td>Power +</td></tr><tr><td>2</td><td>White</td><td>Analog output</td></tr><tr><td>3</td><td>Blue</td><td>Power -</td></tr></tbody></table>	Pin	Color	Signal	1	Brown	Power +	2	White	Analog output	3	Blue	Power -		
Pin	Color	Signal													
1	Brown	Power +													
2	White	Analog output													
3	Blue	Power -													

Dimensions in mm



Order**1. Model**

S2000- Sensor for or positive displacement flow meter

2. Output

P1 Pulse output

P2 Linearized pulse output

A 4...20mA

3. Temperature

T1 -40...210°F (-40...100°C)

T2 -40...300°F (-40...150°C)