

These piezoresistive silicone pressure sensors can either be used as feedback for the Cordis pressure controller or as standalone transducers. They are conditioned and offer a customized calibration around your specific application requirements, which allows for a full-scale accuracy of 0.25% over the calibrated range.

Multiple mounting options enable the sensor to be placed downstream or in a remote location from the pressure controller. This creates a quicker response and helps avoid any lag in the system.

The manifold mount option lends itself well to analytical value-added assemblies. All wetted materials are oxygen compatible and manifold mounting eliminates any possible contamination during assembly.

- Standalone unit or used in conjunction with Cordis pressure controller
- Downstream sensor feedback
- Multiple VDC signal outputs
- Static or dynamic applications
- · Multiple electrical connection options
- Customizable pressure ranges and mounting options
- IP65

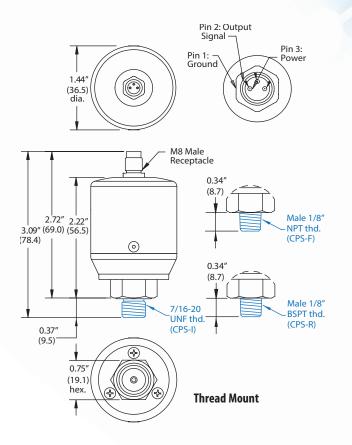


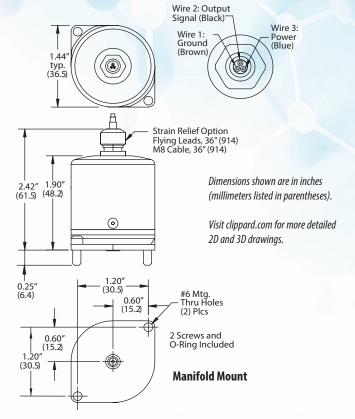




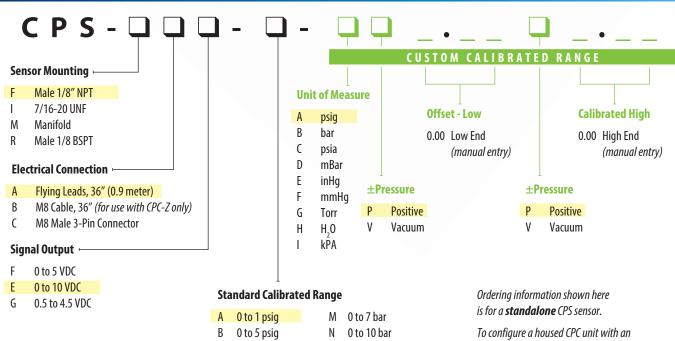
More Details	clippard.com/link/cordis-cps	
Supply Voltage	12 to 24 VDC	
Signal Output	0 to 5, 0 to 10, or 0.5 to 4.5 VDC	
Response Time	<5 ms	
Protection Rating	IP65	
Porting	1/8 NPT, 7/16-20, manifold or male 1/8" BPST	
Operating Temperature	32 to 158°F (0 to 70°C)	
Mounting Attitude	Any	
Medium	Clean, dry, non-corrosive gases	
	Sensor: Polyamide	
	Manifold: Anodized aluminum O-rings: FKM	
	Fitting: ENP Brass	
Material, Wetted	Body: Aluminum	
Linearity	±0.25% BFSL	
Current Draw	<20 mA (sensor only)	
Calibrated Pressure Range	Vac. to 150 psig (10.3 bar)	
Accuracy	±0.25% of full scale	
A	10.250/ -{{-1}	







## ORDERING INFORMATION



## **Example Part Number:**

CPS-FAE-A

or CPS-FAE-A-AP0.00P0.75

## **ACCESSORIES**

CPSH-C1 Mating Cable, 36" (0.9 meter) (for "C" electrical connection only)

Α	0 to 1 psig	M	0 to / bar
В	0 to 5 psig	N	0 to 10 bar
C	0 to 15 psig	0	0 to 15 psia
D	0 to 30 psig	Р	0 to 30 psia
Ε	0 to 60 psig	Q	0 to 100 psia
F	0 to 100 psig	R	-5 to +5 psid
G	0 to 150 psig	S	-15 to +15 psid
1	0 to 0,5 bar	T	0 to 10" H20
J	0 to 1 bar	U	-10" to +10" H20
K	0 to 2 bar	V	0 to 4" H20
L	0 to 4 bar	W	-1 to +1 psid

To configure a housed CPC unit with an **external** CPS sensor, see p. 7 (Type Z)

For more information, scan the QR code or visit clippard.com/link/cordis-cps



TDS CPS-01, Rev. 041024 (2/2) **877-245-6247** | clippard.com