

# Trusted. Reliable. Accurate.

For over 20 years, Setra's Model 209 has been the pressure sensor of choice for engineers and technicians all over the world. Advancements in technology have changed the way data is used and gathered, creating a need to enhance our pressure sensing technology. The engineering team at Setra has been hard at work for the last few years developing the next generation transducer.

The result is the **Model AXD** — designed and built to exceed the specifications of challenging applications today and helps our customers with their ever-evolving requirements. The AXD is built leveraging the strength of the 209's variable capacitance sensor and pairing it with a new electronics platform and transducer packaging, designed with a focus on reliability & accuracy in industrial & OEM applications.

- Enhanced performance through digital signal conditioning**
- IP67 Design; Immune to moisture ingress**
- Reliable Electronics Platform; 125°C Rated**
- Rugged; Laser Welded Construction**



	Model 209	Model AXD
<b>Pressure ranges</b>	Same	Same
<b>Absolute pressure</b>	NA	Available in ranges between 25 and 5,000 PSI
<b>316L SS wetted materials</b>	NA	Available in ranges between 25 and 1,000 PSI
<b>TEB, basic thermal compensation*</b>	≤ 3.5%	≤ 3%
<b>TEB, enhanced thermal compensation*</b>	NA	≤ 1.5%
<b>Operating temperature</b>	-40 to 85°C (-40 to 185°F)	-40 to 125°C (-40 to 257°F)
<b>Physical size</b>	1.64" diameter	<1" diameter
<b>Electronics</b>	Analog conditioning/output	Digital signal conditioning with analog outputs
<b>Environmental rating</b>	Weather resistant	IP 67
<b>Construction</b>	TIG-welded sensor/ mechanical crimp housing	Laser-welded construction
<b>Available electrical terminations:</b>		
Cable	✓	✓
3-pin Packard	✓	✓
4-pin Packard	✓	
1/2" conduit	✓	✓
Mini Hirschmann	✓	
M12x4-pin		✓

\*Total error band between -20 and 80°C.