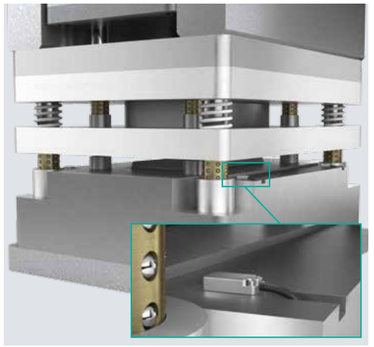
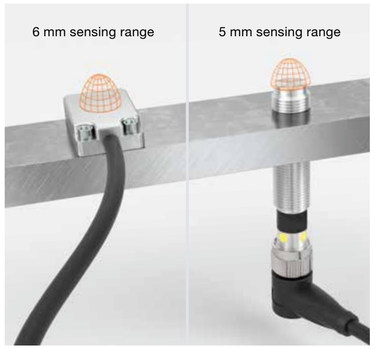


Stamping: Pile Driver identifies short/over feeds, pulled slugs, etc. before a completed downstroke, preventing die crashes. Repeatability to +/- 0.0005" is possible. Ideal for part presence verification on grippers and transfer press fingers.



The surface mount Pile Driver offers 20% more sensing distance than a traditional proximity sensor, yet requires only 1/10 the mounting space. Dedicated FE and NFE models detect steel or aluminum at full range.

Standard models feature a cut-resistant PUR jacket immune to cutting fluids and oils.

Weld-immune models feature a POC cable jacket that's completely immune to molten metal spatter.

Your automation, our passion.

Explosion Protection

- Intrinsically Safe Barriers
- Signal Conditioners
- Fieldbus Infrastructure
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- Industrial Monitors and HMI Solutions
- Electrical Explosion Protection Equipment
- Solutions for Explosion Protection

Industrial Sensors

- Proximity Sensors
- Photoelectric Sensors
- Industrial Vision
- Ultrasonic Sensors
- Rotary Encoders
- Positioning Systems
- Inclination and Acceleration Sensors
- AS-Interface
- Identification Systems
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Surface Mount Pile Driver

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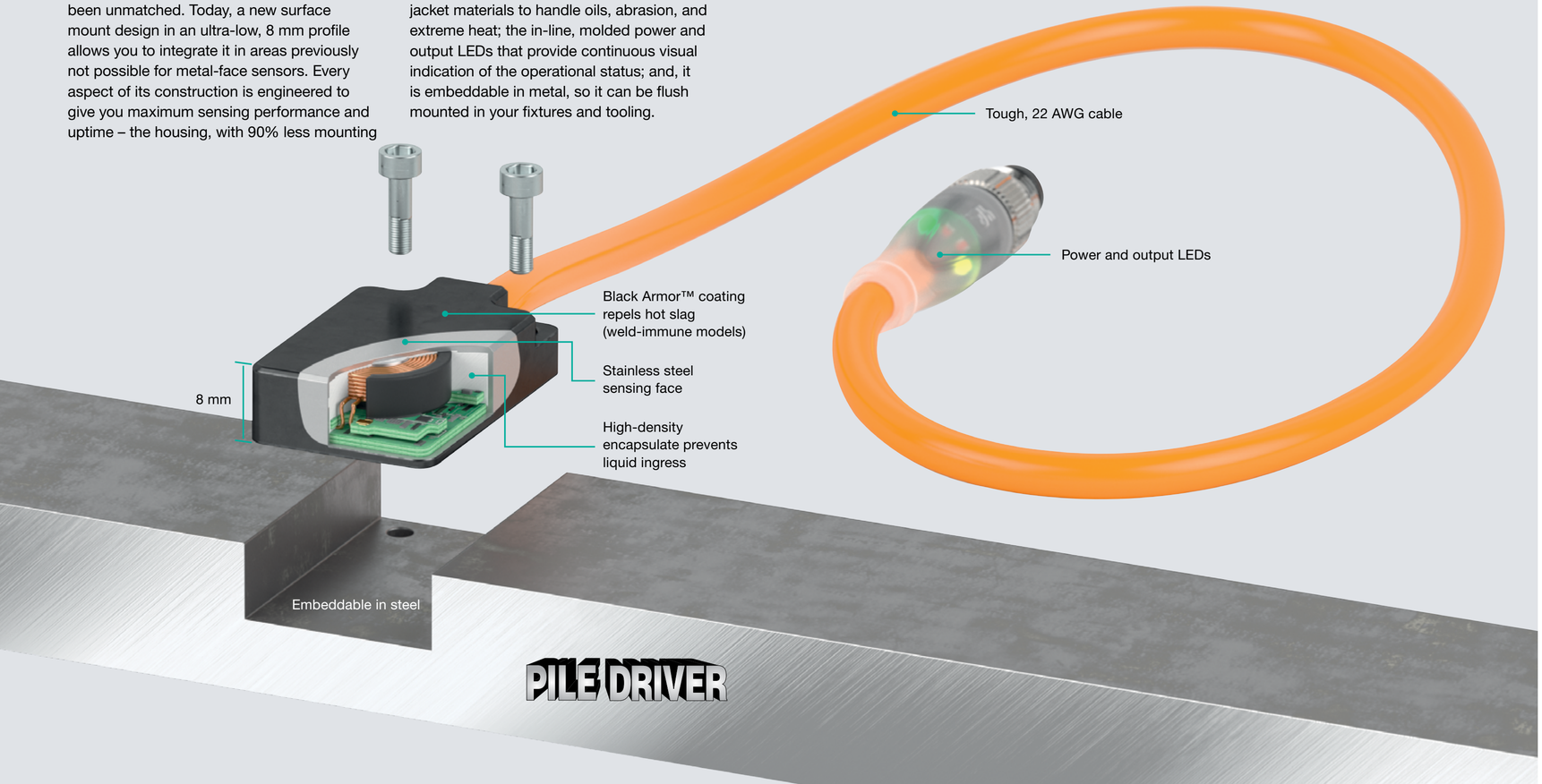
Maximum Durability and Compact Design

Since 1997, the Pile Driver™ inductive sensor's combination of durability and precision has been unmatched. Today, a new surface mount design in an ultra-low, 8 mm profile allows you to integrate it in areas previously not possible for metal-face sensors. Every aspect of its construction is engineered to give you maximum sensing performance and uptime – the housing, with 90% less mounting depth in comparison with standard cylindrical models saves space; the cable, with the right jacket materials to handle oils, abrasion, and extreme heat; the in-line, molded power and output LEDs that provide continuous visual indication of the operational status; and, it is embeddable in metal, so it can be flush mounted in your fixtures and tooling.



Durability = Cost Savings

- Lower spare parts inventory
- Reduced maintenance and troubleshooting
- Increased production yields

Standard

Connection	Model	Output N.O.	Target Material
2-meter cable with PUR jacket	NMB6-F104M-E0-FE	NPN	Steel
	NMB6-F104M-E2-FE	PNP	Steel
	NMB6-F104M-E2-NFE	PNP	Aluminum
200 mm M12 pigtail with PUR jacket	NMB6-F104M-E0-FE-200MM-V1	NPN	Steel
	NMB6-F104M-E2-FE-200MM-V1	PNP	Steel
	NMB6-F104M-E2-NFE-200MM-V1	PNP	Aluminum
200 mm M8 pigtail with PUR jacket	NMB6-F104M-E0-FE-200MM-V3	NPN	Steel
	NMB6-F104M-E2-FE-200MM-V3	PNP	Steel
	NMB6-F104M-E2-NFE-200MM-V3	PNP	Aluminum

Weld Immune

Connection	Model	Output N.O.	Target Material
200 mm M12 pigtail with POC jacket	NMB6-F104M-E2-C-FE-200MM-V1	PNP	Steel
200 mm M8 pigtail with POC jacket	NMB6-F104M-E2-C-FE-200MM-V3	PNP	Steel