

DUTY TO EXCEL WITH MISSION- CRITICAL SOLUTIONS



HOW CAN I HELP?

Our sensors and
switches move
your business
further.



FORWARD MARCH

Honeywell

MILITARY VEHICLE GROUND SOLUTIONS

Military ground vehicles must excel in extreme terrain and weather conditions. They are often exposed to both high and low temperatures, dirty and dusty environments while experiencing high shock and vibration as they move along their mission. The global armored vehicle market is projected to grow from \$18.08 billion in 2021 to \$27.83 billion in 2028 at a CAGR of 6.36 % in forecast period, 2021-2028 which will return it to its pre-pandemic levels.⁶



Speed sensor

Track speed and direction monitoring



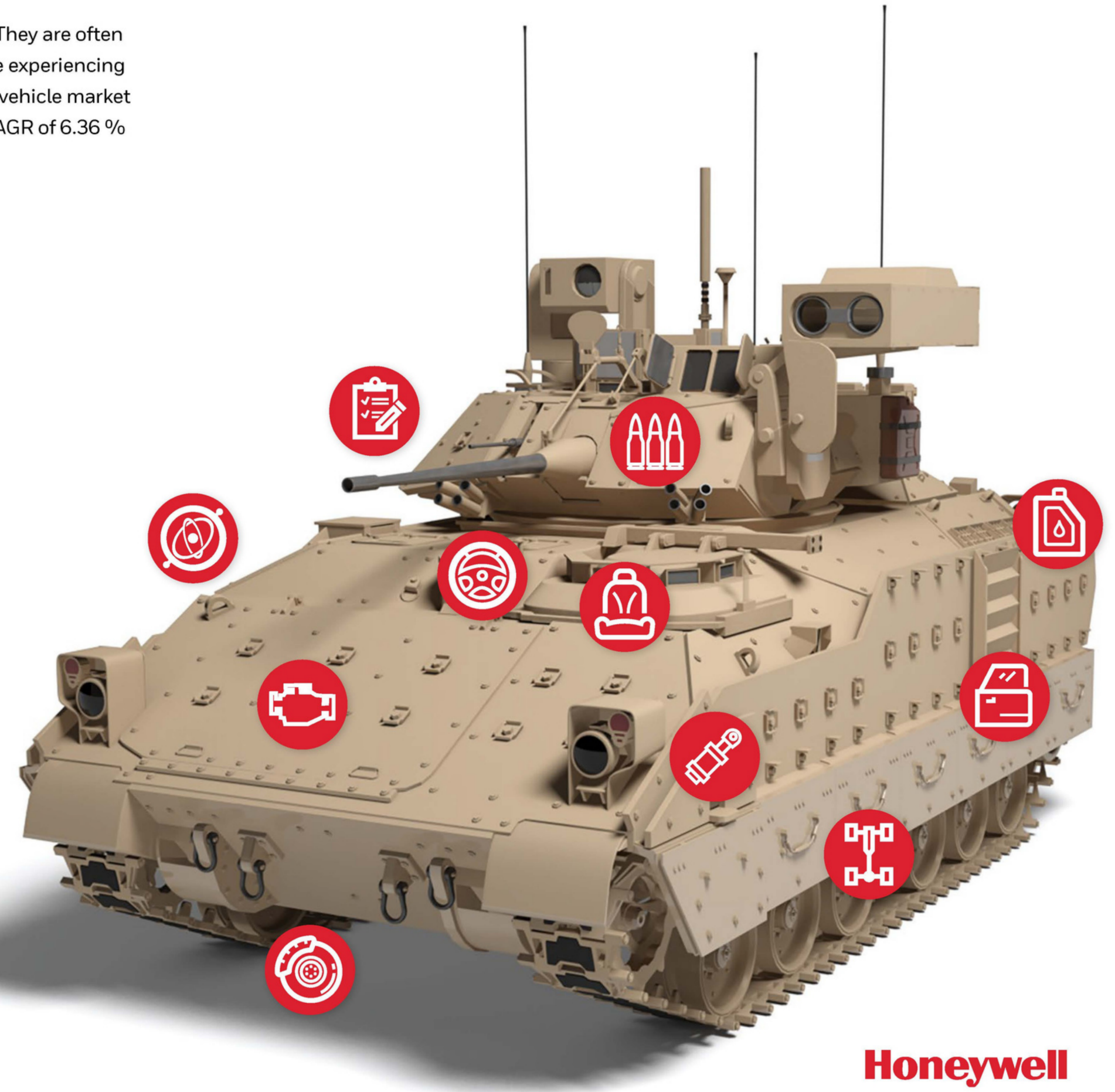
Military-grade toggle switch

Designed as cabin operator controls



Sealed switch

Ruggedized for the environment – used on doors and hatches



WEAPON SYSTEMS SOLUTIONS

Honeywell components are utilized in military vehicles, aircraft, and launchers to optimize and control weapon systems. Field data proves that Honeywell products are designed to be extremely rugged to stand up to the rigor of pressure cycling, wash-downs, temperature extremes, and high vibration.



Military-grade toggle switch

Designed in launcher systems



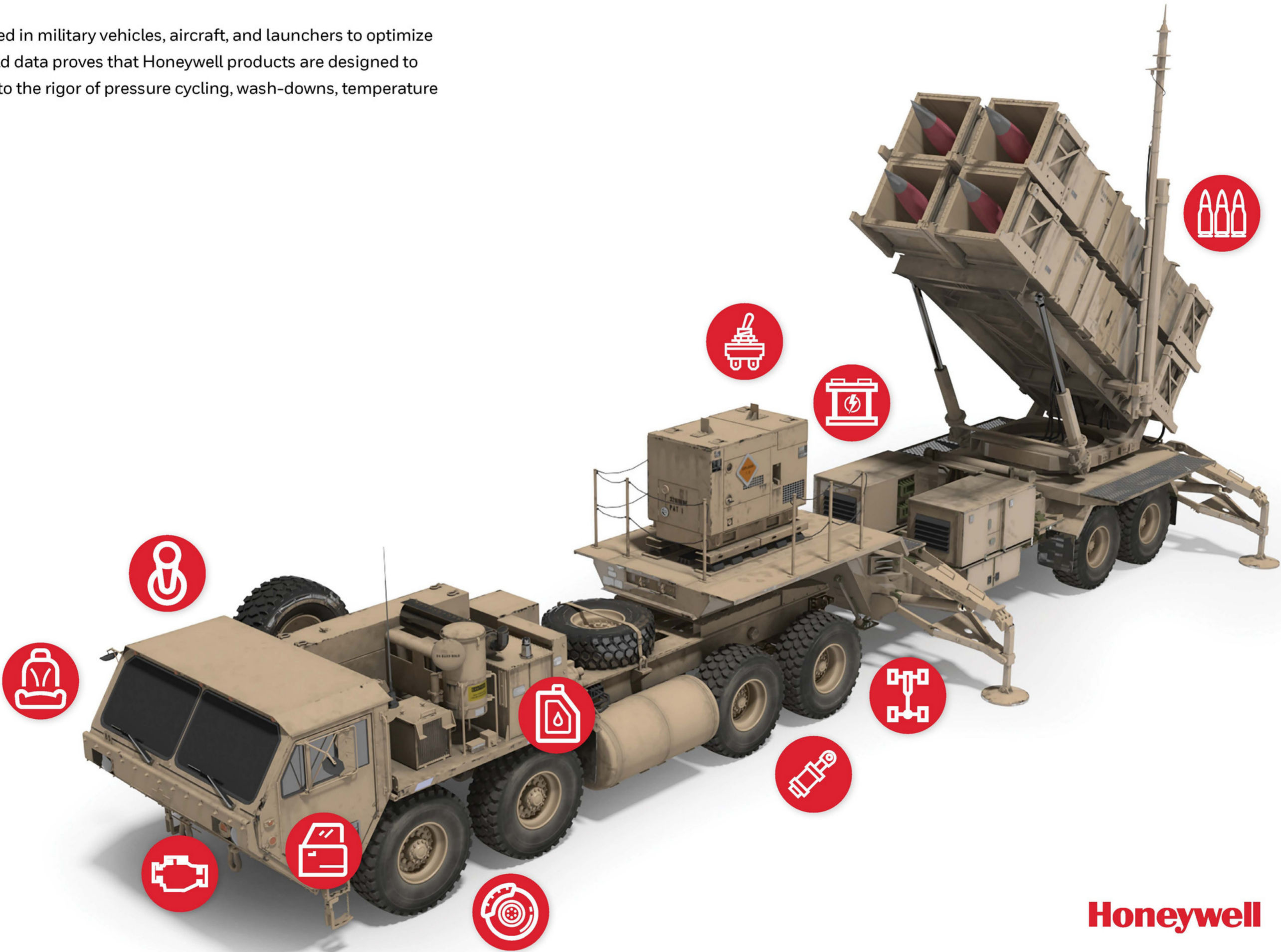
Sealed switches

A key component for missile away switch, missile tube travel limit detect and communications antenna deploy position



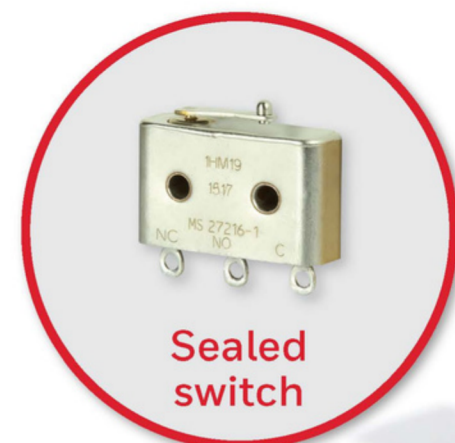
TARS-IMU

Provides attitude measurement and sensing



MILITARY DRONE SOLUTIONS

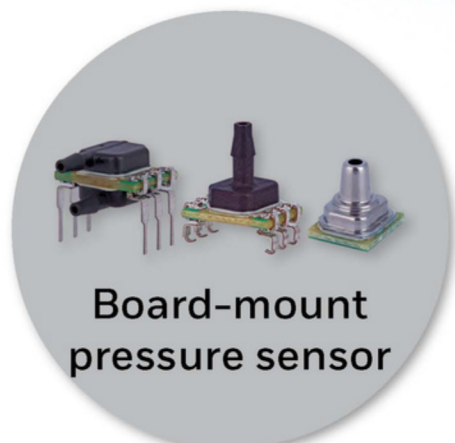
“Increasing government funding on military drones to enhance efficiency in military operations boosts the demand for the production of military drones.” According to the report published by the Bard College Center for the Study of the Drone, in 2019, the U.S. Navy funding for unmanned systems increased by \$1 billion (38 %) and the U.S. Army funding increased by \$719 million (73 %), when compared to 2018. The global military drones market size is expected grow from \$ 13.31 billion in 2021 to \$ 14.19 billion in 2022 at a compound annual growth rate (CAGR) of 6.6 %.⁷



Engineered for landing gear position/status, ordnance away switch and hatches/panels



HAPS/GAPS for position
of landing gear, valve, and
control surface



ABP2 Series for altitude,
airspeed and other data
applications



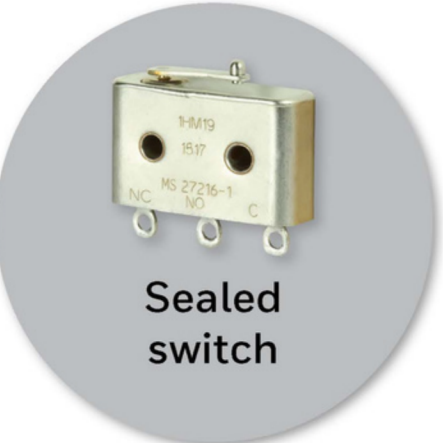
ROTORCRAFT SOLUTIONS

Salt, sand and ice can all impact the efficiency and reliability of a rotorcraft. Sealed sensors and switches can keep the elements out, and the rotorcraft performing at a high level. Honeywell offers component design expertise and products for the most complex aerospace and defense systems. Our products and expertise are highly complementary to systems and subsystems designs. The military rotorcraft market is also experiencing growth; it is estimated to register a CAGR of more than 4 % during the forecast period (2022-2027).⁸



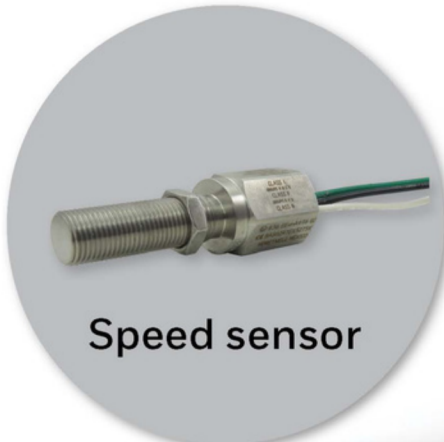
LVDT

Used on the main rotor blade and customizable applications



Sealed switch

Hermetically sealed for ordnance and cargo



Speed sensor

Detects the speed of the rotors



MILITARY PLANE SOLUTIONS

Honeywell engineers focus on the requirements for military applications, including pilot safety and comfort, smooth and accurate flight control, weapon systems reliability, and additional applications that demand highly reliable performance. Our products perform over extreme temperature ranges while enduring heavy vibration and shock, and can withstand electromagnetic interference and voltage transients. Many Honeywell products are crucial to aircraft operation and carry MTBF (mean time between failure) beyond 200,000 hours.



Proximity
sensor

Used on landing gear and
in the canopy



Heavy-duty
sealed
switch

Designed in WoW and
as an ordnance safeguard



Custom
toggle switch

With high configurability,
custom toggles are
designed into locking
collars for the cockpit
and payload



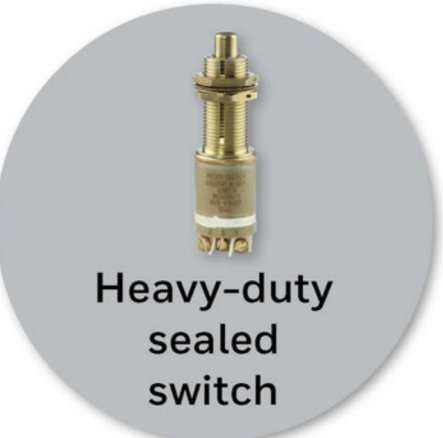
NAVAL SOLUTIONS

The global warship and naval vessels market reached a value of US\$ 60.7 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 85.1 Billion by 2027, exhibiting at a CAGR of 5.96 % during 2022-2027.⁹ In addition, LR reports, “The marine world in 2030 will be almost recognizable owing to the rise of emerging countries, new consumer classes and resource demand.”¹⁰



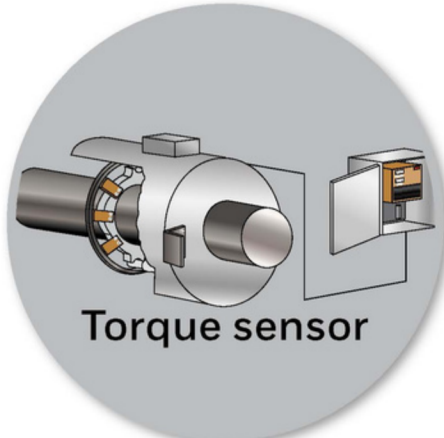
Precision
thermostat

Often found in naval
engines and transmissions



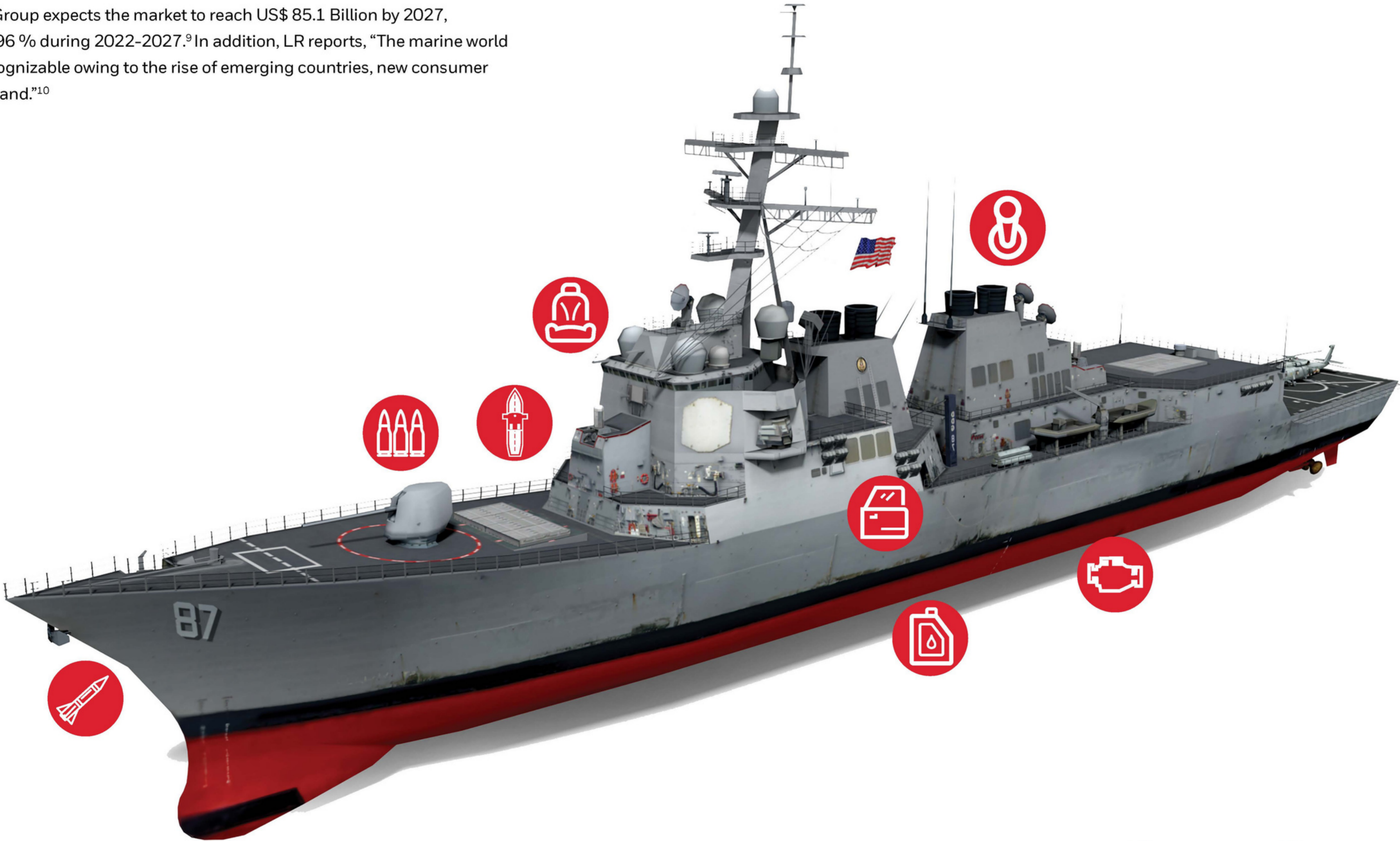
Heavy-duty
sealed
switch

With corrosion-resistant
construction, it is used in
torpedo bays



Torque sensor

Used for propeller shaft
torque sensing



⁹ <https://www.imarcgroup.com/warship-naval-vessels-market>

¹⁰ <https://www.lr.org/en/insights/global-marine-trends-2030/>



HOW CAN I HELP?



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