PLATFORM VEHICLES

Advanced Sensing Technologies



	Non-contact position sensing	Temperature sensing	Pushbutton switches	Rotary position	Pressure switches	Toggles and rockers	Speed sensors	Basic switches	Pressure sensors	Limit switches	Key switches	Magnetics	TARS-IMU
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Operator controls			√	✓		√		\checkmark			√		
Stability	\checkmark			\checkmark						✓			✓
Wheels and suspension	✓			✓			✓					✓	
Engine management	✓	✓		✓	✓		✓		✓			✓	
Braking systems		\checkmark			\checkmark		\checkmark	\checkmark	\checkmark			\checkmark	
Hydraulics and pneumatics		✓			✓				✓				
Boom/stick position	\checkmark			\checkmark				✓		\checkmark		\checkmark	✓

MACHINE OPERATION AND RELIABILITY								
Application		Growth Factor	Primary Products	Secondary Products				
Boom/stick position control		Increased machine monitoring to maintain safe operation for greater levels of automation	Magnetic position sensors	Transportation IMURotary position sensorsBasic switches				
Engine management		Implementation of means to monitor and control engine operation and performance	Pressure switchesPressure sensorsSpeed sensors	Temperature probesTemperature switches				
Operator controls	G5559	Reliable performance, even when exposed to vibration and shock in wet or dusty environments	Toggle switches	Pushbutton switches				

FUNCTIONAL PERFORMANCE AND SAFETY							
Application		Growth Factor	Primary Products	Secondary Products			
Stability (dynamic)		Enhanced safety features to monitor relative position and stability of chassis and platform	TARS inertial measurement unit	Rotary position			
Stability (static)		Ensure safe deployment and locking of chassis stability rigs	• Limit switch	Linear position			

WARRANTY/REMEDY

Honeywell warrants goods of its manufacture as being free of defective materials and faulty workmanship during the applicable warranty period. Honeywell's standard product warranty applies unless agreed to otherwise by Honeywell in writing; please refer to your order acknowledgment or consult your local sales office for specific warranty details. If warranted goods are returned to Honeywell during the period of coverage, Honeywell will repair or replace, at its option, without charge those items that Honeywell, in its sole discretion, finds defective. The foregoing is buyer's sole remedy and is in lieu of all other warranties, expressed or implied, including those of merchantability and fitness for a particular purpose. In no event shall Honeywell be liable for consequential, special, or indirect damages. While Honeywell may provide application assistance personally, through our literature and the Honeywell web site, it is buyer's sole responsibility to determine the suitability of the product in the application. Specifications may change without notice. The information we supply is believed to be accurate and reliable as of this writing. However, Honeywell assumes no responsibility for its use.

FOR MORE INFORMATION

Honeywell Advanced Sensing Technologies services its customers through a worldwide network of sales offices and distributors. For application assistance, current specifications, pricing or the nearest Authorized Distributor, visit our website or call:

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