

Digital Pressure Sensor with CANopen®, Model DPS

Product Nomenclature



For example, a **HPG1BR 1AK,2AF,5A,6A** part number would define a gage pressure digital pressure sensor with 0.1 % accuracy, 100 psi pressure range, temperature compensated 40 °C to 60 °C, standard CANopen® protocol communication, 1/4 in-18 NPT pressure connection, and a Bendix 6-pin electrical termination.



HPG		1	BR		1AK	2AF	5A	6A
Pressure Type		Accuracy	Pressure Range		Temperature Compensation	Electrical Output	Pressure Connection	Electrical Termination
HPG	Gage	1 0.1 %	AV 10 psi	CR 500 psi	1AK 4 °C to 60 °C [40 °F to 140 °F]	2AF Standard, CANopen® Protocol	5A 1/4 in-18 NPT female	6A Bendix 6-pin
HPA	Absolute	2 0.25 %	BJ 15 psi	CT 750 psi			5B 1/4 in-18 NPT male	6BJ 5-pin M12 connector
HDW	Wet/wet differential		BL 25 psi	CV 1000 psi		5C 7/16 in-20 UNF female		
HDD	Wet/dry differential		BM 30 psi	DJ 1500 psi		5D 7/16 in-20 UNF male		
			BN 50 psi	DL 2000 psi		5F G 1/4 B female		
			BP 75 psi	DN 3000 psi		5G G 1/4 B male		
			BR 100 psi	DR 5000 psi		5H 1/8 in-27 female		
			CJ 150 psi	DT 7500 psi		5I 1/8 in-27 male		
			CL 200 psi	DV 10000 psi		5P M12-1.5 male		
			CN 250 psi			5Q M12-1.5 female		
						5R 9/16 in-18 SAE male		
						5S 9/16 in-18 SAE female		

NOTE 1: Accuracy option availability: ≤30 psi (±0.25 %FS), >30 psi (±0.25 %FS or ±0.1 %FS).

NOTE 2: Sensors selected with the HDD configuration will be supplied with a 7/16-20 Male reference port.

NOTE 3: PSI order codes shown as an example for order code string construction. For range availability, by pressure type, refer to Table 1 in product sheet.