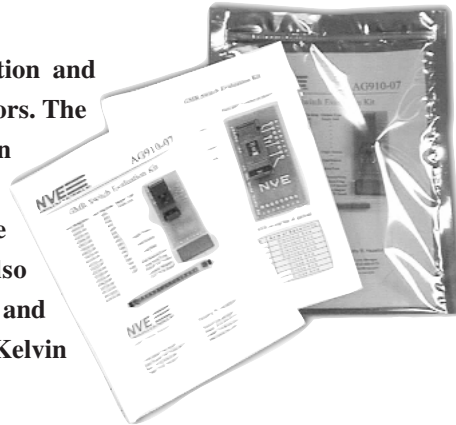


This kit was created to facilitate laboratory experimentation and development using NVE's GMR Switch Digital Output Sensors. The kit consists of sixteen distinct NVE GMR Switches that span the magnetic field range and output types available in the AD series sensors. All sensors in this kit are packaged in the TSSOP miniature surface mount package. The kit also includes a ceramic bar magnet, printed circuit board (PCB) and a high temperature (175°C) TSSOP ZIF socket with Kelvin contacts.



GMR Switch Digital Evaluation Kits Parts List

Part Designator	Part Marking	Output type	Description
AD004-00	BBH	Single Sink	See Configuration Chart on Page 2
AD005-00	BBG		
AD006-00	BBJ		
AD020-00	BBK		
AD021-00	BBB		
AD022-00	BBC		
AD023-00	BBD		
AD024-00	BBF		
AD105-00	DBG	Single Source	
AD122-00	DBC	“	
AD222-00	FBC	Sink/Source	
AD224-00	FBF	“	
AD320-00	GBK	Sink/Sink	
AD324-00	GBF	“	
AD624-00	KBF	Sink/Source/Vreg	
AD724-00	LBF	Sink/Sink/Vreg	
AG910-06	N/A	N/A	1"x2" PCB Board
SB-015	N/A	N/A	GMR Switch Brochure
SN 12100	N/A	N/A	TSSOP Socket
SN 12032	N/A	N/A	Ceramic Magnet,1"x0.25"x0.39"

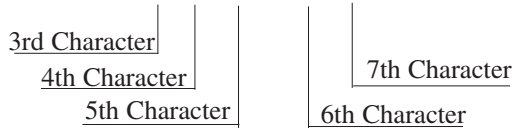
Digital Switch Configuration Chart

The NVE Digital Switch is available in various output arrangements, packaging formats, and sensitivities. The following table details how the part number is determined by the part's configuration.

Part Number	Output Configuration <i>(specified by 3rd character)</i>	Level and Axis of Sensitivity <i>(specified by 4th & 5th characters)</i>	Package Format <i>(specified by 6th & 7th Characters)</i>
ADXXX-XX	<ul style="list-style-type: none"> 0 Single 20mA Sink Output 1 Single 20mA Source Output 2 20mA Source Output & 20mA Sink Output 3 Dual 20mA Sink Outputs 4 Single 20mA Sink Output + External Regulated Voltage 5 Single 20mA Source Output + External Regulated Voltage 6 20mA Source Output & 20mA Sink Output + External Regulated Voltage 7 Dual Sink Outputs + External Regulated Voltage 	<ul style="list-style-type: none"> 04 Std Axis, 20 Oe 05 Std Axis, 40 Oe 06 Std Axis, 80 Oe 20 Std Axis, 28 Oe 21 Cross Axis, 20 Oe 22 Cross Axis, 40 Oe 23 Cross Axis, 80 Oe 24 Cross Axis, 28 Oe 	<ul style="list-style-type: none"> 00 8 Lead TSSOP 02 8 Lead SOIC

Example:

AD521-00



Part Number AD521-00 is a 20 Oe, Cross Axis switch in the TSSOP package and has 1 current Source Output and an External Regulated Voltage.