

Data Sheet Supplement Version 1.1

Dynamic Differential Hall Effect Sensor TLE4927C

For all parameters not specified in this document the TLE4925C data sheet is valid.



Туре	Marking	Ordering Code	Package
TLE4927C	27C	SP000373702	PG-SSO-3-9



1. Magnetic Characteristics in Running Mode

Minimum signal	$ _{\Delta B_{min}} $	0.35	0.75	1.35	mT	
amplitude						



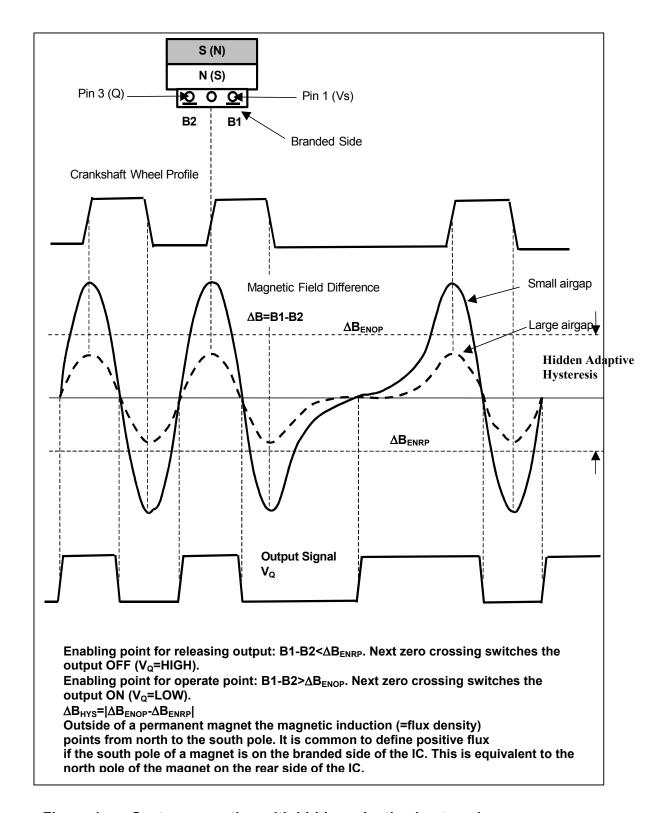


Figure 1 System operation with hidden adaptive hysteresis



2. Typical Hysteresis Values

PGA	GainRange	Hysteresis (peak to peak)	FullRange =MaxSignal	Percentage thresholds
X1	6	13.5 mT	±120mT	5,625%
X2	5	10.12 mT	±60mT	8.433%
X4	4	6.75 mT	±30mT	11.25%
X8	3	4.5 mT	±15mT	15%
X16	2	3 mT	±7,5mT	20%
X32	1	2 mT	±3,75mT	26.66%
X64	0	1.5mT	±1,875mT	40%



Revisio	n History:	December 2007	Version 1.1
Previous V	ersion: 1.0		
Page	Subjects (ma	jor changes since last revision)	
1	Ordering cod	e added	

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