

## Specifications

POWER SUPPLY / OUTPUT TYPE			
Part Number	Barrier Supply: Vs ±5%	Output logic to Non-hazardous Area Apparatus	
60004-002	12-28 VDC	Vout = 5V	Line Driver up to 100 mA source/sink (TTL & RS422 compatible)
60004-003		Vout = Vin	Line Driver up to 100 mA source/sink
60004-004		Open Collector	NPN up to 80 mA sink
60004-005		Vout = 5V	Line Driver up to 100 mA source/sink Open wire detect option
60004-006		Vout = Vin	Line Driver up to 100 mA source/sink Open wire detect option



**Caution:** Operation above or below barrier supply voltage (Vs) range noted will cause permanent damage to barrier

BARRIER PARAMETERS											
		Class I, Gp D Class II, Gps E,F,G Group IIA			Class I, Gps C,D Class II, Gps E,F,G Group IIB			Class I, Gps A,B,C,D Class II, Gps E,F,G Group IIC			
Barrier Output (Po)	Voc (Uo)	Isc (Io)	Ca (Co)	La (Lo)	L/R Ratio	Ca (Co)	La (Lo)	L/R Ratio	Ca (Co)	La (Lo)	L/R Ratio
870 mW	9.48 VDC	367 mA	255 uF	2.1 mH	327 uH/Ω	27 uF	1.05 mH	160 uH/Ω	3.7 uF	0.26 mH	40.8 uH/Ω

INPUT TO BARRIER FROM ENCODER	
Signals	A, B, Z, A/, B/, Z/ differential or A,B,Z single-ended
Input Signal Impedance	500 Ω nominal (A to A/, B to B/, Z to Z/)
Input Signal level	4 VDC minimum, 6 VDC maximum

## General Wiring Diagram (See BEI Sensors drawing 08067-003 for important details)

