

# BG Series BarGraph Input Level Matrix Guide

NOTE: If full scale level is not listed, use next highest full scale value.  
 Example: Input Type = A (DC volts), input level required = 7 volts. Use code AW and list the 0 to 7 volts.

- ◆ Indicates full scale readings available for each input type.
- \* Thermocouple temperatures are listed in °C-minimum span temp. 100° C or F.
- External resistor required.

## Input Type Selections

Full Scale	Code	P	M	N	R	A	B	C	D	F	Q	J*	K*	T*	E	L	V	G	H	Z
.000020	AA						◆								A	A	A	A	A	A
.000050	AB						◆								V	V	V	V	V	V
.000100	AC						◆								A	A	A	A	A	A
.000200	AD						◆								I	I	I	I	I	I
.000250	AE						◆								A	A	A	A	A	A
.000500	AF						◆								L	L	L	L	L	L
.001	AG						◆								A	A	A	A	A	A
.002	AH						◆								B	B	B	B	B	B
.005	AI						◆								L	L	L	L	L	L
.01	AJ						◆								E	E	E	E	E	E
.02	AK	◆					◆													
.025	AL						◆								C	C	C	C	C	C
.05	AM		◆			◆	◆		◆						O	O	O	O	O	O
.1	AN					◆	◆		◆						T	T	T	T	T	T
.2	AO					◆	◆		◆						A	A	A	A	A	A
.25	AP					◆	◆		◆						C	C	C	C	C	C
.5	AQ					◆	◆		◆						T	T	T	T	T	T
1	AR					◆	◆	◆	◆			◆	◆	◆	F	F	F	F	F	F
2	AS					◆	◆	◆	◆			◆	◆	◆	A	A	A	A	A	A
2.5	AT					◆	◆	◆	◆			◆	◆	◆	F	F	F	F	F	F
4	AU					◆	◆	◆	◆			◆	◆	◆	A	A	A	A	A	A
5	AV				◆	◆	◆	◆	◆			◆	◆	◆	A	A	A	A	A	A
10	AW				◆	◆	◆	◆	◆			◆	◆	◆	F	F	F	F	F	F
12.5	AX					◆	◆	◆	◆			◆	◆	◆	A	A	A	A	A	A
20	AY					◆	◆	◆	◆			◆	◆	◆	A	A	A	A	A	A
25	AZ					◆	◆	◆	◆			◆	◆	◆	A	A	A	A	A	A
50	BA					◆	◆	◆	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
60	BB					◆	◆	◆	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
100	BC				◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
125	BD					◆	◆	◆	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
150	BE					◆	◆	◆	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
200	BF					◆	◆	◆	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
250	BG					◆	◆	◆	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
400	BH					■	◆	■	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
500	BI					■	◆	■	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
800	BJ					■	◆	■	◆	◆	◆	◆	◆	◆	A	A	A	A	A	A
1000	BK				◆							◆			A	A	A	A	A	A
5000	BL											◆								
10000	BM											◆								
20000	BN											◆								
-0.05	EA					◆						◆	◆	◆						
-0.1	EB					◆						◆	◆	◆						
-0.2	EG					◆						◆	◆	◆						
-0.25	ED					◆						◆	◆	◆						
-0.5	EF					◆						◆	◆	◆						
-1	EG					◆						◆	◆	◆						
-2	EH					◆						◆	◆	◆						
-2.5	EI					◆						◆	◆	◆						
-5	EJ					◆						◆	◆	◆						
-10	EK					◆						◆	◆	◆						
-12.5	EL					◆						◆	◆	◆						
-20	EM					◆						◆	◆	◆						
-25	EN					◆						◆	◆	◆						
-50	EO					◆						◆	◆	◆						
-100	EP					◆						◆	◆	◆						
-125	EQ					◆						◆	◆	◆						
-200	ER					◆						◆	◆	◆						
-250	ES					◆						◆	◆	◆						