

Weschler Digital BarGraph Selector Guide

<u>Style</u>	<u>Series</u>	<u>P/N</u>	<u>Bezel Size</u>	<u>Segments</u>	<u>Digits</u>	<u>Data Sheet</u>	<u>Page</u>
TriColor BarGraph		begins with	("W x "H)				
Edgewise Single							
6" Vertical	BG-252TC	2	1.7 x 6.04	40	5	TriColor Edgewise	5
6" Horizontal	BH-252TC	5	6.04 x 1.7	40	5	"	5
7.5" Vertical	BV-5ATC	A	1.75 x 7.6	40	5	"	5
12" Vertical	BD-101TC	K	3.14 x 12.9	40	5	"	5
Circular							
4.5" Square	BG-241TC	4	4.42 x 4.42	50	5	TriColor Circular	13
8.5" Square	BG-261TC	6	8.75 x 8.75	50	5	"	13
6" Round	BG-251TC	3	7.5" dia	50	5	"	13
8" Round	BG-281TC	8	10" dia	50	5	"	13
Square/Round	various	4, 6, 8	various	50	4.5	Gate Position	39

Standard BarGraph

Edgewise Single							
6" Vertical	BG-252	2	1.7 x 6.04	101	3.5 or 4.5	Single Edgewise	9
6" Vertical	BG2-252	A	1.7 x 6.04	101	5	Bargraph 2	1
6" Vertical	BW-1316	7	2.13 x 6.0	101	3.5 or 4.5	Single Edgewise	9
6" Vertical	BW2-1316	C	2.13 x 6.0	101	5	Bargraph 2	1
7.5" Vertical	BV-5A	A	1.75 x 7.6	101	3.5 or 4.5	Single Edgewise	9
7.5" Vertical	BV2-5A	E	1.75 x 7.6	101	5	Bargraph 2	1
10" Vertical	PG-101	V	4.05 x 10.1	51	3 or 4	Large Edgewise	25
12" Vertical	BD-101	K	3.14 x 12.9	101	3.5 or 4.5	"	25
DIN Vertical	PC-101	C	2.835 x 5.7	101	3.5 or 4.5	Single Edgewise	9
6" Horizontal	BH-252	5	6.04 x 1.7	101	3.5 or 4.5	"	9
6" Horizontal	BH2-252	B	6.04 x 1.7	101	5	Bargraph 2	1
DIN Horizontal	PH-101	H	5.7 x 2.835	101	3.5 or 4.5	Single Edgewise	9
Edgewise Dual							
6" Vert/ Horiz	BI-1251	X	1.7 x 6.04	101	----	Dual Edgewise	29
10" Vertical	PG-202	W	4.05 x 10.1	51	3 or 4	Large Edgewise	25
DIN Vertical	PC-202	D	2.835 x 5.7	101	3.5 or 4	Dual Edgewise	29
Edgewise Multiple							
12" Vertical	BD-101 Multi	K	≈2.7n x 15.4	101	3.5 or 4.5	Large Edgewise	25
BG-252, BV-5A, BW-1316 can also be ganged without special hardware							
Circular							
4.5" Square	BG-241	4	4.42 x 4.42	101	3.5, 4.5 or 5	} Single Circular or AC Power Circular	17
8.5" Square	BG-261	6	8.75 x 8.75	101	3.5, 4.5 or 5		
6" Round	BG-251	3	7.5" dia	101	3.5, 4.5 or 5		
8" Round	BG-281	8	10" dia	101	3.5, 4.5 or 5		
Concentric							
Single	BF6401	F	6.5 x 7.1	101	3.5 or 4.5	BF Series Concentric	33
Single	BF2-6402	F	6.5 x 7.1		5	Bargraph 2	1
Dual	BF6402	E	6.5 x 7.1	101	3.5 or 4.5	BF Series Concentric	33
Dual	BF2-6402	G	6.5 x 7.1	101	5	Bargraph 2	1

Bowmar BarGraph

3" Vert/ Horiz	APM-100**		0.62 x 4.43	100	----	Bowmar Series	35
5" Vert/ Horiz	APM-500		1.27 x 6.38	50	----	"	35
5" Vert/ Horiz	APM-600**		1.4 x 5.7	50	----	"	35
10" Vert/ Horiz	APM-800		1.4 x 10.7	100	----	"	35

**also available as BG-xxx with card edge connector

Chart of Available Input Types and Levels

for characters 7 & 8 of the BarGraph part number (except Bowmar, BG2)

[Input Level Matrix](#) 41

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Features & Functions

Model ⇒	BarGraph 2 Series	Tricolor Edgewise & Tricolor Circular	Single Edgewise & Large Edgewise	Single Circular	Dual Edgewise	BF Concentric	Bowmar
Input Channels	1-2	1	1-2	1	2	1-2	1
Input Ranges							
DC V	20mV - 300V	20mV - 250V	20mV - 250V	20mV - 250V	20mV - 250V	20mV - 250V	50mV - 100V
DC A	1mA - 5A	20µA - 5A	20µA - 5A	20µA - 5A	20µA - 5A	20µA - 5A	10µA - 10A
Process 4-20mA	√	√	√	√	√	√	√
Process 1-5V	√	√	√	√	√	√	√
AC V	50mV - 300V	1V - 250V	1V - 250V	1V - 250V	1V - 250V	1V - 250V	
AC A	1mA - 5A	50mA - 5A	50mA - 5A	50mA - 5A	50mA - 5A	50mA - 5A	
AC V TRMS	200mV - 600V						
AC A TRMS	2mA - 5A						
T/C	J,K,T	J,K,T	J,K,T	J,K,T	J,K,T	J,K,T	
RTD	Pt	Pt, Cu	Pt, Cu	Pt, Cu	Pt, Cu	Pt, Cu	
Pressure/Load							
Strain Gauge							
Pressure (direct)							
Line Frequency		√	√	√	√	√	
Frequency/RPM		√	√	√	√	√	
Resistance							
Potentiometer							
Power (W,VAR,PF)		1Ø, 3Ø [ACP]*		1Ø, 3Ø [ACP]			
Outputs							
Setpoints/Relays	4	4	4 per channel	4	4 per channel	4 per channel	
Analog Retransmit	1 per channel	1	1 per channel	1	1 per channel	1 per channel	
Digital Comm.	232, 485, Ethernet	232, 485	232, 485	232, 485	232, 485	232, 485	
Protocol	ASCII, Modbus	ASCII	ASCII	ASCII	ASCII	ASCII	
Features							
Dimming	100 steps, separate bar & digit adjustments	16					2
Power Supply							
5VDC			√		√	√	√
12VDC	√	√	√	√	√	√	
24VDC	√	√	√	√	√	√	
28VDC	√	√	√	√	√	√	
48VDC	√	√	√	√	√	√	
125VDC	√	√	√	√	√	√	
250VDC	√	√	√	√	√	√	
12VAC	√		√		√	√	
24VAC			√		√	√	
120VAC	√	√	√	√	√	√	
240VAC	√	√	√	√	√	√	

*Circular only

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