

Weschler Digital BarGraph Selector Guide

Style	Series	P/N	Bezel Size	Segments	Digits	Data Sheet	Page
TriColor BarGraph		begins with	("W x "H)				
Edgewise Single							
9/64 DIN Vert/Horiz	Quatro	L	1.42 x 5.69	101	4	Quatro	7
6" Vert/Horiz	Quatro	M	1.7 x 6.04	101	4	"	7
6" Vertical	BG-252TC	2	1.7 x 6.04	40	5	TriColor Edgewise	11
6" Horizontal	BH-252TC	5	6.04 x 1.7	40	5	"	11
6" Vertical	Premo	PG	1.7 x 6.04	101	5	Premo	1
7.5" Vertical	BV-5ATC	A	1.75 x 7.6	40	5	TriColor Edgewise	11
12" Vertical	BD-101TC	K	3.14 x 12.9	40	5	"	11
12" Vertical	Premo	PD	3.14 x 12.9	101	6	Premo	1
Circular							
4.5" Square	Premo	P	4.42 x 4.42	101	6	Premo	1
4.5" Square	BG-241TC	4	4.42 x 4.42	50	5	TriColor Circular	19
8.5" Square	BG-261TC	6	8.75 x 8.75	50	5	"	19
6" Round	BG-251TC	3	7.5" dia	50	5	"	19
8" Round	BG-281TC	8	10" dia	50	5	"	19
Square/ Round	various	4, 6, 8	various	50	4.5	Gate Position	45

Standard BarGraph

Edgewise Single							
9/64 DIN Vert/Horiz	Quatro	L	1.42 x 5.69	101	4	Quatro	7
6" Vert/Horiz	Quatro	M	1.7 x 6.04	101	4	"	7
6" Vertical	BG-252	2	1.7 x 6.04	101	3.5 or 4.5	Single Edgewise	15
6" Vertical	BW-1316	7	2.13 x 6.0	101	3.5 or 4.5	"	15
6" Vertical	Premo	PG	1.7 x 6.04	101	5	Premo	1
7.5" Vertical	BV-5A	A	1.75 x 7.6	101	3.5 or 4.5	Single Edgewise	15
10" Vertical	PG-101	V	4.05 x 10.1	51	3 or 4	Large Edgewise	31
12" Vertical	BD-101	K	3.14 x 12.9	101	3.5 or 4.5	"	31
12" Vertical	Premo	PD	3.14 x 12.9	101	6	Premo	1
DIN Vertical	PC-101	C	2.835 x 5.7	101	3.5 or 4.5	Single Edgewise	15
6" Horizontal	BH-252	5	6.04 x 1.7	101	3.5 or 4.5	"	15
DIN Horizontal	PH-101	H	5.7 x 2.835	101	3.5 or 4.5	"	15
Edgewise Dual							
9/64 DIN Vert/Horiz	Quatro	L	1.42 x 5.69	101	----	Quatro	7
6" Vert/Horiz	Quatro	M	1.7 x 6.04	101	----	"	7
6" Vert/Horiz	BI-1251	X	1.7 x 6.04	101	----	Dual Edgewise	35
10" Vertical	PG-202	W	4.05 x 10.1	51	3 or 4	Large Edgewise	31
DIN Vertical	PC-202	D	2.835 x 5.7	101	3.5 or 4	Dual Edgewise	35
Edgewise Multiple							
12" Vertical	BD-101 Multi	K	≈2.7n x 15.4	101	3.5 or 4.5	Large Edgewise	31
BG-252, BV-5A, BW-1316 can also be ganged without special hardware							
Circular							
4.5" Square	Premo	P	4.42 x 4.42	101	6	Premo	1
4.5" Square	BG-241	4	4.42 x 4.42	101	3.5, 4.5 or 5	Single Circular or AC Power Circular	23
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	39
Dual	BF6402	E	6.5 x 7.1	101	3.5 or 4.5	"	

Bowmar BarGraph

3" Vert/Horiz	APM-100**		0.62 x 4.43	100	----	Bowmar Series	41
5" Vert/Horiz	APM-500		1.27 x 6.38	50	----	"	41
5" Vert/Horiz	APM-600**		1.4 x 5.7	50	----	"	41
10" Vert/Horiz	APM-800		1.4 x 10.7	100	----	"	41

**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, Quatro, Premo)

[Input Level Matrix](#) 47

bg selector guide 10

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Features & Functions

Model ⇒	Premo	Quatro	Tricolor Edgewise & Tricolor Circular	Single Edgewise & Large Edgewise	Single Circular	Dual Edgewise	BF Concentric	Bowmar
Input Channels	1-4	1-2	1	1-2	1	2	1-2	1
Input Ranges								
DC V	20mV - 200V	20mV - 200V	20mV - 250V	20mV - 250V	20mV - 250V	20mV - 250V	20mV - 250V	50mV - 100V
DC A	2mA - 5A	2mA - 5A	20µA - 5A	20µA - 5A	20µA - 5A	20µA - 5A	20µA - 5A	10µA - 10A
Process 4-20mA	√	√	√	√	√	√	√	√
Process 1-5V	√	√	√	√	√	√	√	√
AC V	200mV - 600V	200mV - 600V	1V - 250V	1V - 250V	1V - 250V	1V - 250V	1V - 250V	
AC A	2mA - 5A	2mA - 5A	50mA - 5A	50mA - 5A	50mA - 5A	50mA - 5A	50mA - 5A	
AC V TRMS	200mV - 600V	200mV - 600V						
AC A TRMS	2mA - 5A	2mA - 5A						
T/C	J,K,T,R,S,B,N	J,K,T,R	J,K,T	J,K,T	J,K,T	J,K,T	J,K,T	
RTD	Pt, Cu, Ni	Pt	Pt, Cu	Pt, Cu	Pt, Cu	Pt, Cu	Pt, Cu	
Pressure/Load	√	√						
Strain Gauge	√	√						
Pressure (direct)	√	√						
Line Frequency	√	√	√	√	√	√	√	
Frequency/RPM	√	√	√	√	√	√	√	
Resistance	√	√						
Potentiometer	√	√						
LVDT	√							
Counter	√							
Quadrature	√							
pH	√							
ORP	√							
Power (W,VAR,PF)	1Ø		1Ø, 3Ø [ACP]*		1Ø, 3Ø [ACP]			
Outputs								
Setpoints/Relays	6	4	4	4 per channel	4	4 per channel	4 per channel	
Analog ReTx	2	1	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	
	ASCII,		ASCII	ASCII	ASCII	ASCII	ASCII	
	Modbus, TCP/IP							
Features								
Dimming	8 + External	4 + External	16					2
Datalogging	√							
PID Control	√							
Power Supply								
5VDC				√		√	√	√
12VDC	√	√	√	√	√	√	√	
24VDC	√	√	√	√	√	√	√	
28VDC	√	√	√	√	√	√	√	
48VDC	√	√	√	√	√	√	√	
125VDC	√	√	√	√	√	√	√	
250VDC	√	√	√	√	√	√	√	
12VAC				√		√	√	
24VAC	√	√		√		√	√	
120VAC	√	√	√	√	√	√	√	
240VAC	√	√	√	√	√	√	√	

*Circular only

2/18/2006

BARGRAPH REPLACEMENT GUIDE

Existing Meter	Weschler BarGraph	Existing Meter	Weschler BarGraph
A&M/Weston 49 Series	BG/BH-252	Dixson BJ101	PC-101/202
Crompton 128	"	Sigma/International Instr. 9262/9263	"
Dixson BB101 (All Models)	"		
GE/Yokogawa 180	"	Foxboro 6400	BF6400
Sigma/International Instruments 1151	"		
Weschler/Westinghouse V/H252	"		
		Bailey Draft Gauges	PG-101/202
Dixson BB202	BI-1251	Dixson K051	BD-101
Sigma/International Instruments 1251	"	Haye Republic 216	BD-101
		Ashcroft 6"	BG-251
Crompton 077, 078	BG-241	Ashcroft 8"	BG-281
Dixson BEW51, BW051/P	"		
GE/Yokogawa AB/DB30 or 40	"	Crompton 079	BG-261
Modutec 4SB	"	GE/Yokogawa AB/DB-16	"
Weschler/Westinghouse K231/241	"	Weschler/Westinghouse K261	"
		Foxboro 65PP	BW-1316
Hays Republic 3600/V5A	BV-5A	Weston 1316	"

Cross Reference - Bargraph Model to Data Sheet

Data Sheet Model	Premo	Quatro	Tricolor Edgewise	Single Edgewise	Tricolor Circular	Single Circular	AC Power Circular	Large Edgewise	Dual Edgewise	BF Series Concentric	Bowmar	Gate Position
	pg 1	7	11	15	19	23	27	31	35	39	41	45
ACP							X					
APM											X	
BD101			X					X				
BF6401										X		
BF6402										X		
BG241	X				X	X	X					X
BG251						X	X					
BG252		X	X	X								
BG261					X	X	X					X
BG281					X	X	X					X
BH252		X	X	X								
BI1251									X			
BV5A			X	X								
BW1316				X								
PC101				X								
PC202									X			
PG101								X				
PG202								X				
PH101				X								
Premo	X											
Quatro		X										