

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

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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]			
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, USB		232, 485	232, 485	232, 485	232, 485	232, 485	
	Ethernet, TCP/IP		ASCII	ASCII	ASCII	ASCII	ASCII	
	ASCII, Modbus							
Features								
Dimming	8 + External	4 + External	16					2
Datalogging	√							
PID Control	√							
Power Supply								
5VDC				√		√	√	√
12VDC	√	√	√	√	√	√	√	
24VDC	√	√	√	√	√	√	√	
28VDC	√	√	√	√	√	√	√	
48VDC	√	√	√	√	√	√	√	
125VDC	√	√	√	√	√	√	√	
250VDC	√	√	√	√	√	√	√	
12VAC				√		√	√	
24VAC	√	√		√		√	√	
120VAC	√	√	√	√	√	√	√	
240VAC	√	√	√	√	√	√	√	

9/18/2012

BARGRAPH REPLACEMENT GUIDE

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

Cross Reference - Bargraph Model to Data Sheet

Data Sheet Model	Data Sheet												
	pg	Premo	Quatro	Tricolor Edgewise	Single Edgewise	Tricolor Circular	Single Circular	AC Power Circular	Large Edgewise	Dual Edgewise	BF Series Concentric	Bowmar	Gate Position
	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										

Page numbers refer to the Weschler **Digital Bargraph Instruments** catalog