



**SONY GBP SERIES**

Model	GBP-5 to GBP-220			
Measuring length L mm (inch)	50/100/150/200 (1.97/3.94/5.91/7.87)	250/300/350/400/450/500/550/600/650/750/850 (9.84/11.81/13.78/15.75/17.72/19.69/21.65/23.62/25.59/29.53/33.46)	950/1050/1250/1400/1600/1850 (37.40/41.34/49.21/55.12/62.99/72.83)	2050/2200 (80.71/86.61)
Overall length	L + 104mm/4.09"	L + 120mm/4.72"		
Max. travel	L + approx. 14mm/0.55" (7mm/0.28" both sides)	L + approx. 30mm/1.18"(15mm/0.59" both sides)		
Accuracy (at 20°C/68°F)	(5 + 5L/1000)µm			
Allowable mounting parallelism	0.1mm/0.0039"			
Thermal expansion coefficient	$(11 \pm 1) \times 10^{-6} / ^\circ\text{C}$			
Protection grade	Equivalent to IP54			
Temperature	• Operating: 0°C to +40°C (+32°F to +104°F) • Storage: -10°C to +50°C (+14°F to +122°F)			
Standard cable length	10" Pigtail			
Accessories	M4x10 screws (3), M4x12 screws (2), M4x10 screws (5), large washers (3), small washers (2), wire clamps (4), screening labels (1), M5x25 screws (2), 0.1-mm spacers (5)			