



Model: **BM14G** Compression Cell



Features

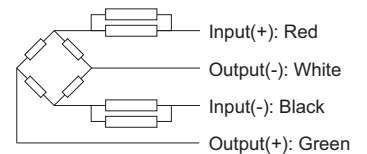
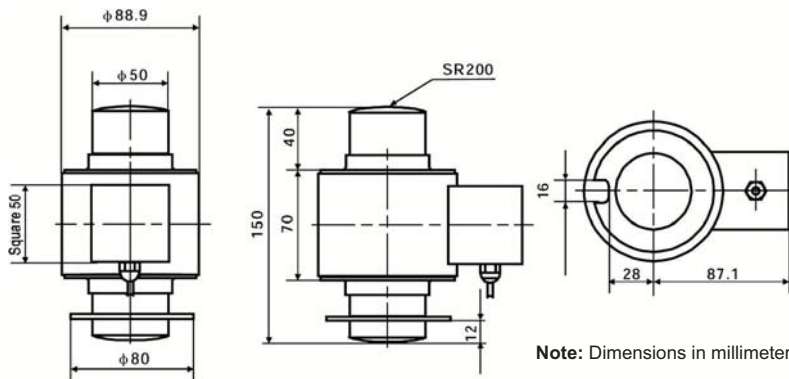
- Capacities: 10t ~ 50t
- High accuracy
- Four columns construction
- Easy installation and reliable performance
- With OIML approval: (PTB: D09-05.21)



Specifications

Capacity	t	10 / 20 / 30 / 40 / 50		
Accuracy Class		C2	C3	C4
Max. Number of Verification Intervals	n_{max}	2000	3000	4000
Minimum Loadcell Verification Interval	V_{min}	$E_{max}/5000$	$E_{max}/12000$	$E_{max}/14000$
Combined Error	%FS	$\leq \pm 0.030$	$\leq \pm 0.020$	$\leq \pm 0.018$
Creep	%FS/30min	$\leq \pm 0.023$	$\leq \pm 0.016$	$\leq \pm 0.012$
Temperature Effect on Sensitivity	%FS/10°C	$\leq \pm 0.017$	$\leq \pm 0.011$	$\leq \pm 0.009$
Temperature Effect on Zero	%FS/10°C	$\leq \pm 0.029$	$\leq \pm 0.012$	$\leq \pm 0.010$
Output Sensitivity	mv/v	2.0 ± 0.002		
Input Resistance	Ω	700 ± 7		
Output Resistance	Ω	703 ± 4		
Insulation Resistance	M Ω	$\geq 5000(50VDC)$		
Zero Balance	%FS	1.0		
Temperature, Compensated	°C	-10 ~ +40		
Temperature, Allowed	°C	-40 ~ +80		
Excitation, Recommended	v	5 ~ 12(DC)		
Excitation, Max	v	18(DC)		
Safe Overload	%FS	150		
Ultimate Overload	%FS	300		

Dimension



Wiring:
Standard cable length: 15m.

گروه مهندسين
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