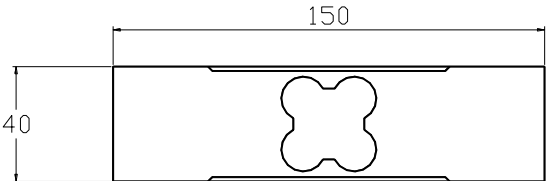
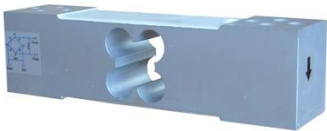
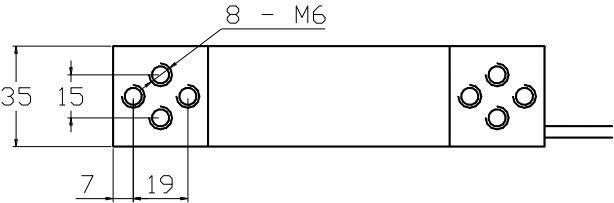
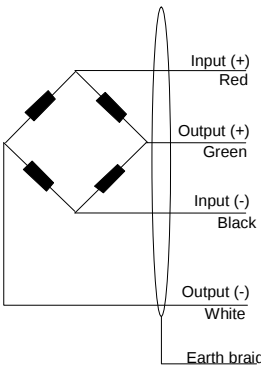
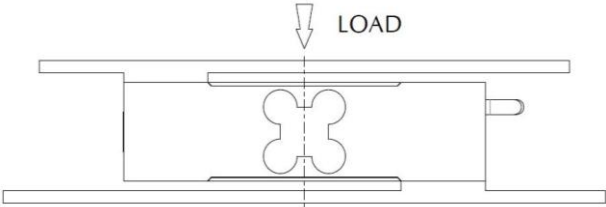


	Component Specification	Part Number:	
		Capacity	Code
		60 kg	140-0053
		100 kg	140-0081
		120 kg	140-0054
		150 kg	140-0125
		250 kg	140-0104

Component Description

LOAD CELL DG-SP91	Rev. B4
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Mechanical Dimensions and Wiring

Category	Off Center	
Model	<u>DG-SP 91</u>	Size 
	DG-SP 91 (XXX kg) XXX kg=Load capacities (see in the part number table)	
Photo		
Circuit		Mounting 

	Component Specification	Part Number:	
		Capacity	Code
		60 kg	140-0053
		100 kg	140-0081
		120 kg	140-0054
		150 kg	140-0125
		250 kg	140-0104

Characteristics

In accordance with Standard		OIML R60	Input Impedance		Ω	410 ± 10
Load Capacity		60-100-120-150 250	Output Impedance		Ω	350 ± 3
Accuracy Class		C3	Insulation (min)		M Ω	$\geq 2000/50VDC$
Maximum number of verification intervals	nmax	3000	Recommended Excitation		V	10
Relative Vmin	Y	6000	Maximum Excitation		V	20
Rated Output	mV/V	$2.0 \pm 10\%$	Compensated Temperature Range		$^{\circ}C$	$-10 \div 40$
Zero Balance	%F.S.	± 2	Operating Temperature Range		$^{\circ}C$	$-20 \div 70$
Combined error	%F.S.	0.02	Safe Overload		%F.S.	150
Repeatability	%F.S.	0.02	Ultimate Overload		%F.S.	200
Creep	%F.S. / 30min.	0.03	Protection Class			IP65
Temperature Effect on output	%F.S./10 $^{\circ}C$	0.025	Material			ALUMINIUM
Temperature Effect on zero	%F.S./10 $^{\circ}C$	0.025	Platform size	mm		400 x 600

Cable Characteristics

Length	mm	3000
Diameter max	mm	$\varnothing 5.4$
Cable type	Shielded cable 4x0.22	