dinamica generale®

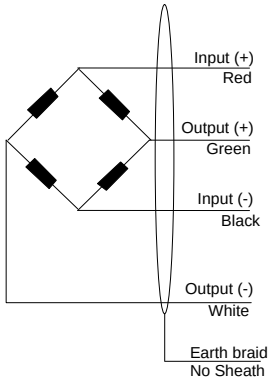
Component specification

Part Number:

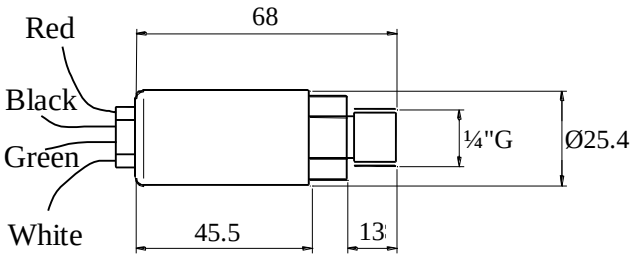
Capacity	Code
50 bar	140-0108
250 bar	140-0062
500 bar	140-0110
1000 bar	140-0111

1. Component description: LOAD CELL DG-P

2. Mechanical dimensions:

Category	Pressure Transducer
Model	**DG-P** DG- P (XXXX Bar) XXX kg=Load capacities (see in the part number table)
Photo	
Circuit	

Size



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3. Characteristics:

In accordance with Standard		OIML R60			
Load Capacity	bar	50-250-500-1000	Output Impedance	Ω	350 ± 50
Accuracy Class		N.A.	Insulation (min)	MΩ	≥3000/50VDC
Maximum number of verification intervals	nmax	N.A.	Recommended Excitation	V	10
Minimum load cell verification interval	Vmin	N.A.	Maximum Excitation	V	15
Rated Output	mV/V	50bar 1.0mV/V± 0.1	Compensated Temperature Range	°C	20 ÷ 70
		250-1000bar 2.0mV/V± 0.1			
Zero Balance	%F.S.	± 2	Operating Temperature Range	°C	-10 ÷ 80
Combined Error	%F.S.	0.5	Safe Overpressure	%F.S.	120
Repeatability	%F.S.	-	Ultimate Overload	%F.S.	150
Creep	%F.S. / 30min.	-	Protection Class		IP67
Temperature Effect on output	%F.S./°C	0.009	Material		Steel
Temperature Effect on zero	%F.S./°C	0.009	Platform size	mm	N.A.

4. Cable Characteristics:

Length	mm	5000
Diameter max	mm	Ø5.5
Cable type	Shielded cable 4x0.35	

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