



LOAD LIMITATION CELL FOR CABLES

Double bending beam load cell

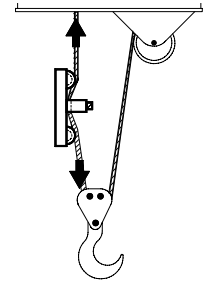
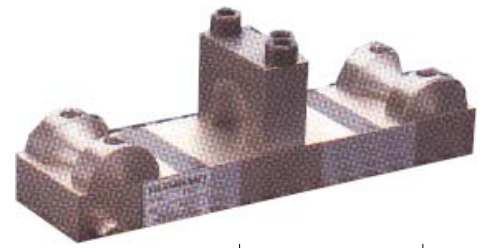
Measuring element from steel alloy

Protected against corrosion by nickel-plated treatment

Protected IP67 (DIN 40050)

Specially designed for bridge cranes, port cranes, industrial lifts, etc.

To fit cables from $\phi 4$ to $\phi 35$ mm.



TECHNICAL DATA

Model	Nominal load Ln	diameter ϕ mm	Accuracy class n. OIML	Service load	Safe load
L0	5000 - 12500 Kg	4 - 35	500	150 % Ln	400 %Ln
L1	3000 - 7500 Kg	4 - 24	500	150 % Ln	400 % Ln
L2	500 - 5000 Kg	4 - 15	500	150 % Ln	400 % Ln

SPECIFICATIONS

Nominal load(N.L.) : 500 - 12500 Kg

No. of scale intervals maximum: 500

Nominal sensitivity: 2mV/V

Sensitivity tolerance: +/- 0.1% (N.L.)

Temperature effect on sensitivity (-10...+40°C): <+/-0.001%/°C

Temperature effect on zero (-10...+50°C): <+/-0.002%/°C

Maximum combined error: <+/- 0.02 (N.L.)

Creep over 30' α 20°C: +/- 0.02%

Input resistance: 386 +/-5 Ω

Output resistance : 350 +/-5 Ω

Range of excitation : 5..12 V

Service temperature range:-10 α +50°C

Limit load : 150% (N.L.)

Breaking load : > 400 % (N.L.)

Cable length : 4 m

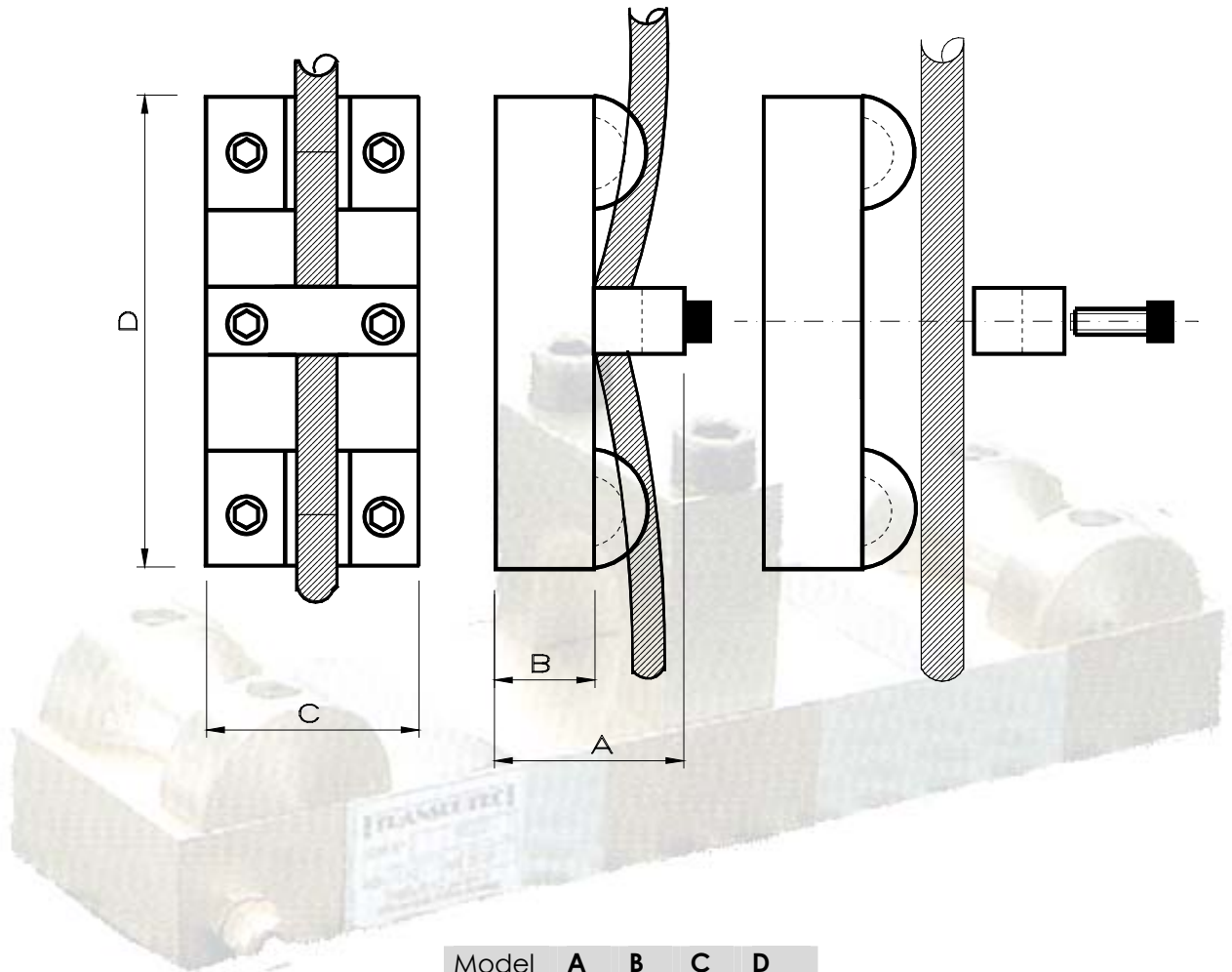
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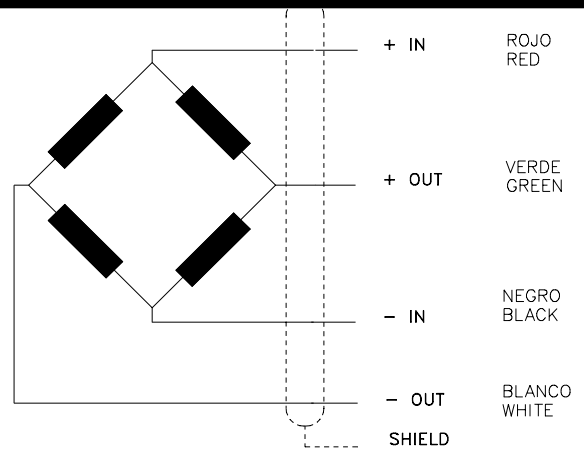
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Model	A	B	C	D
L-0	80	25	73	230
L-1	70	25	60	230
L-2	55	25	40	180

ELECTRICAL CONNECTION

SHIELD: Not connected to the transducer body.



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