Type NA1 Load Cell



Short description

Aluminium-alloy IP65 single point load cell.
Colourless anodized
Suitable for pricing scales, bench scales, etc.
Maximum platform size: 250 x 350 mm

Test certificate Revision 1
C of C no R60/2000-NL1-10.35

Certificate 2

Available models

Capacity	Accuracy	Fullarticledescription
	C3Excluded from OIML	L6DC32.5kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-3kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-5kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-6kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-8kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-10kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-15kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-20kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-30kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-35kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-40kg-0.40B
	C3C4/C5	L6D-C3/C4/C5-50kg-0.40B

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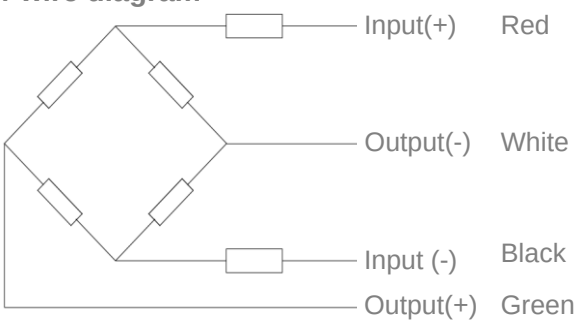
Detailed specifications NA1

Accuracy class		C3	OIML R60 C3		
Output sensitivity (= FS)	mV/V	1.8 ± 0.2	2.0 ± 0.2		
max)		2.5	3, 5, 6, 8, 10, 15, 20, 30, 35, 40, 50		
	n_{LC}	3000	3000	4000	5000
	$Y = E_{max} / v_{min}$	7000	10000	15000	20000
	%FS	± 0.0230		± 0.0175	± 0.0140
	Of E_{max}	0%			
	of E_{max}	150 %			
	of E_{max}	300 %			
	of FS	< ± 2.0 %			
	V	5 ~ 12			
	V	18			
		409 ± 6			
		350 ± 3			
	M	5000 (at 50VDC)			
	°C	-10…+40			
	°C	-35…+65			
	°C	-40…+70			
		Aluminium			
		IP65			
	Nm	< 30kg: 6			>30kg: 10

Wiring

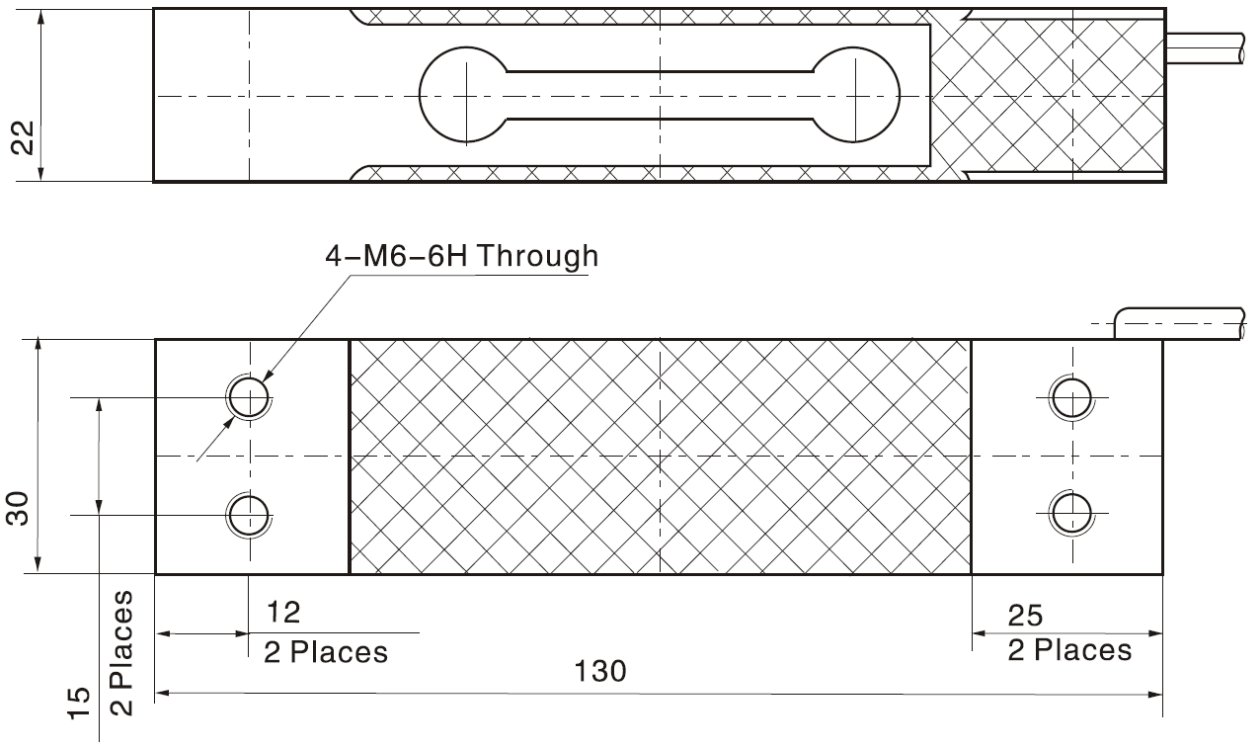
Wiring:
Shielded, 4 conductor cable.
Cable diameter: Ø3.8mm.
Standard cable length: 0.4m.
Shield not connected to element.
Cable jacket in PVC.

4-wire diagram



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Dimensions in mm



Note: Screws M6 class 8.8 screw rinsed with oil. Torque as in specifications table