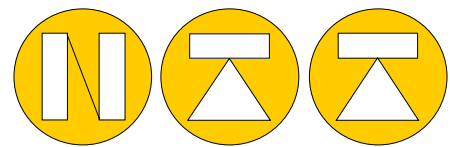


TYPE: 9212-D3 beams from 500kg to 2.0t



NORDIC TRANSDUCER

9212 is an environmentally sealed shear beam load cell which is excellent for use in floor scales, u-pallet scales, batching plants and other in/outdoor weighing applications. Environmental protection are provided by special laser welding of metal covers for mechanical and environmental protection of gauge area. 9212 is made of tool steel construction. Matched outputs are made on all cells within an accuracy of 0.01mV.



9212-D3-500kg -
as shear beam cells



New series of Analogue and digital convertes for load cells, with communication as: Profibus, Can Bus, RS485 Modbus, Ethernet

9212-D3 beams supplied in capacity from 500kg to 2.0t. all as 1000 Ohm 2mV/V
Also special silo mounts are available for this type of cell up to 2.0t capacity.

9212-D3 SPECIFICATIONS

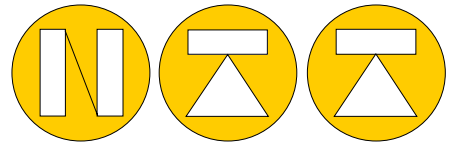
NOMINALLOAD	500kg, 1.0t, 2.0t	a) minimum load	0%
MINIMUMRANGE	20%	b) service load	100%
COMBINEDERROR	< +/- 0.04%	c) max. permissible load	150%
NONREPEATABILITY	< +/- 0.01%	d) breaking load	>300%
ZERODRIFT 30 MIN	< +/- 0.03%	e) max. side load	100%
TEMPERATUREEFFECT 10°C		DISPLACEMENTN.LOAD	0.4-mm
on zero	< +/- 0.03 %	NOMINAL TEMP. RANGE	- 10/+40 °C
on span	< +/- 0.02 %	SERVICE TEMP. RANGE	-20/+60 °C
NOMINAL SENSITIVITY+/-0.01	2mV/Volt	PROTECTIONCLASS	IP64
INPUT RESISTANCE	1000 +/-10 Ohm	PROTECTION	Potted & metal shield
OUTPUT RESISTANCE	1000 +/-10 Ohm	CELLMATERIAL	Tool steel plated
ZERO BALANCE	1.0%	CABLE LENGTH	Ø5.5mm x 5m
SUPPLY VOLTAGE	10V - 15 Volt		

All specifications subject to change without notice

Cable color code

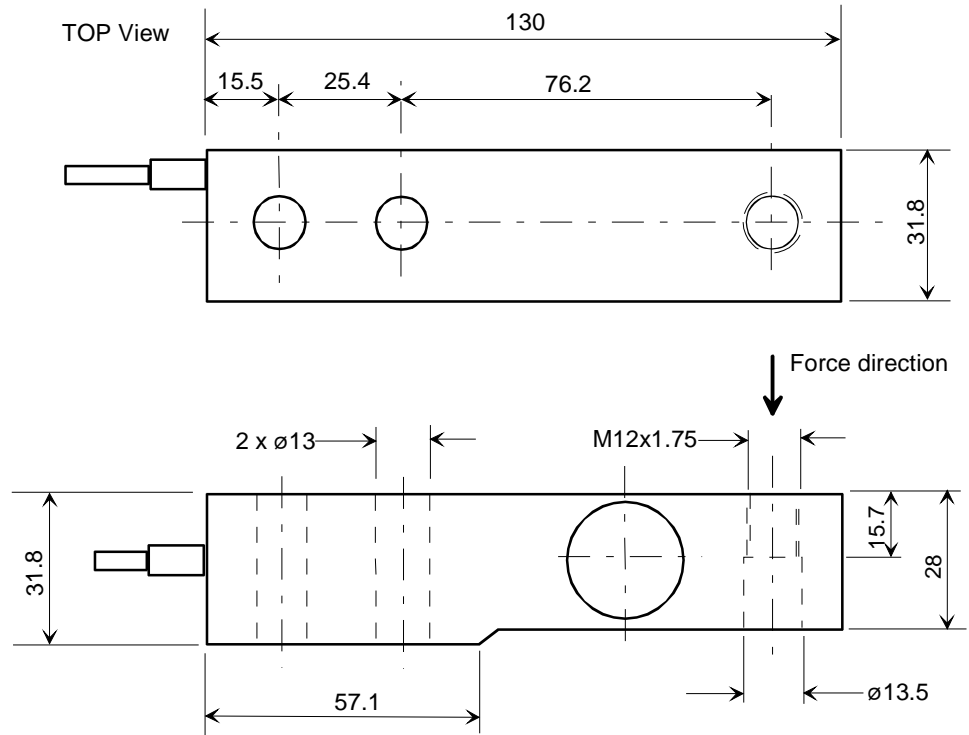
Red + Excitation Green + signal
Black - Excitation White - signal

TYPE: 9212-D3 beams from 500kg to 2.0t



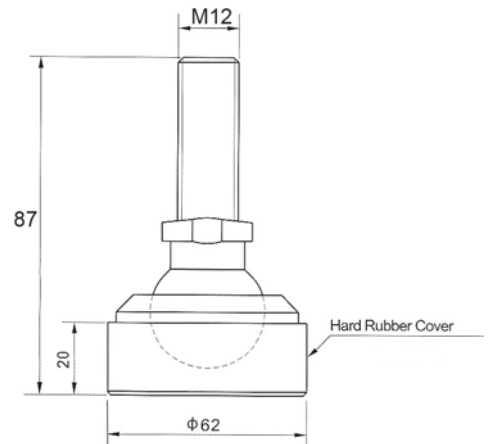
NORDIC TRANSDUCER

Dimensions mm



LHG005-02 ball bearing foot
for 250kg 2.0ton 9212 cells

Mounting on the floor
for support up under silo o.l.



Mounting up under silo leg o.l.
for standing on floor.



Min. 12mm for up to 1ton, 2 ton min. 15mm

Class 12.9 bolt should be used to get best result