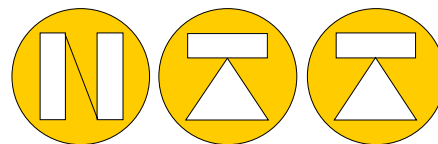


Bending Beam Load cell

TYPE: BBS-D4

10kg, 20kg, 50kg, 100kg & 200kg



NORDIC TRANSDUCER



BBS-D4 is a fully welded stainless steel bending beam load cell. This products is suitable for all type low capacity weighing and process machinery within the food and other industry where a lot of water is present.

The very high accuracy of this cell makes it very suitable for also for high accuracy weighing jobs.

BBS-D4 SPECIFICATIONS

NOMINAL LOAD in kg	10,20,50,100 & 200kg		
MINIMUM RANGE	0...30%	a) minimum load	0%
COMBINED ERROR	< +/- 0.04% F.S.	b) service load	100%
NON REPEATABILITY	< +/- 0.01% F.S.	c) max. permissible load	120%
ZERO DRIFT 20 MIN	< +/- 0.03%	d) breaking load	>300%
TEMPERATUR EFFECT 10°C F.S.		e) max. side load	80%
on zero	< +/- 0.02 %		
on span	< +/- 0.02 %	PROTECTION CLASS	IP67
NOMINAL SENSITIVITY +/-0.01%	2mV/Volt	NOMINAL TEMP. RANGE	- 10/+40 °C
INPUT RESISTANCE	385 +/-10	SERVICE TEMP. RANGE	-20/+65 °C
Ohm		CELL MATERIAL	Stainless steel
OUTPUT RESISTANCE	350 +/-3 Ohm		
ZERO BALANCE	1.0%	CABLE	Ø5 x 5 meter
SUPPLY VOLTAGE DC/AC	5V - 15 Volt		

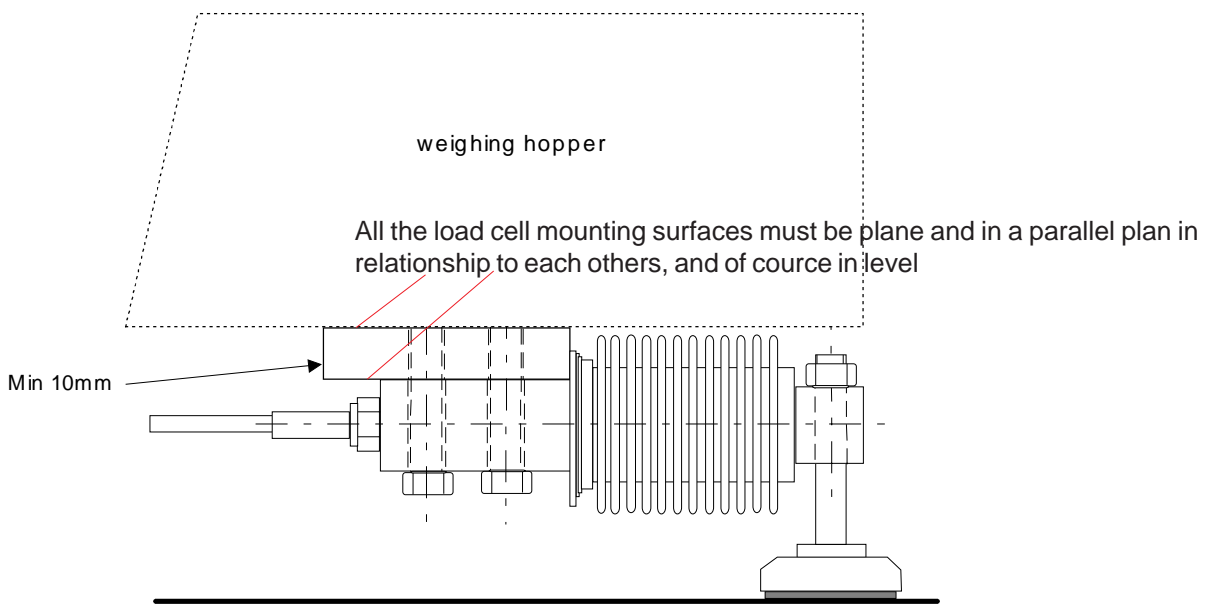
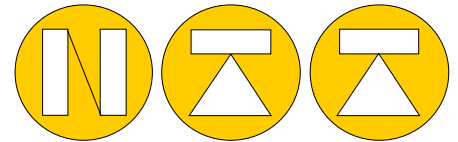
All specifications subject to change without notice



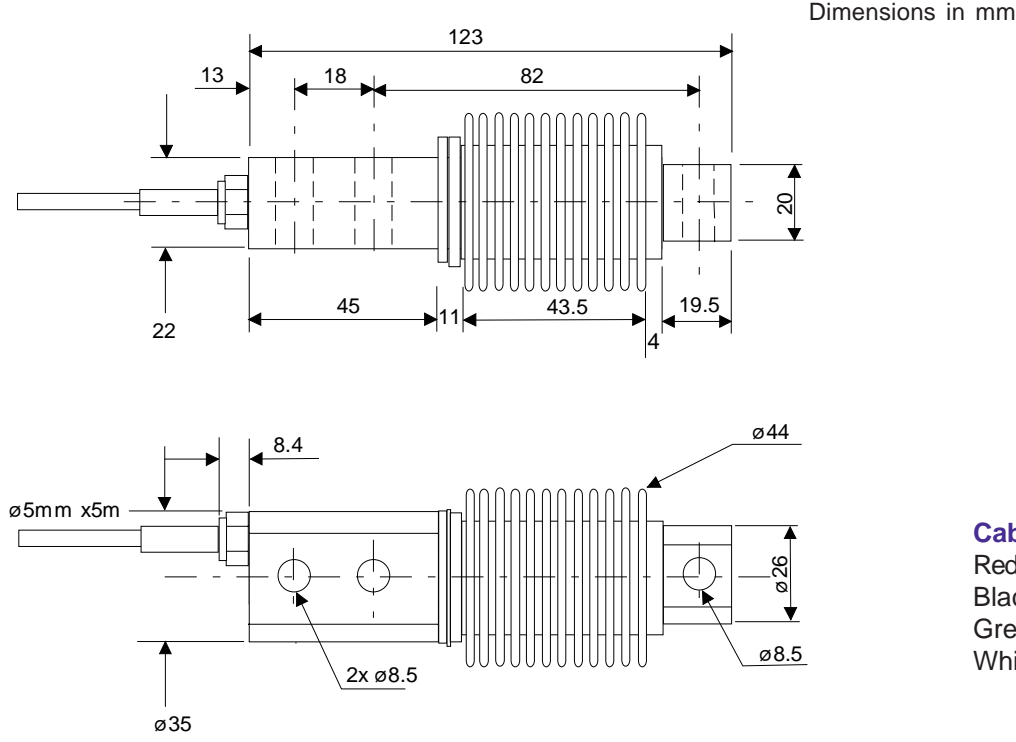
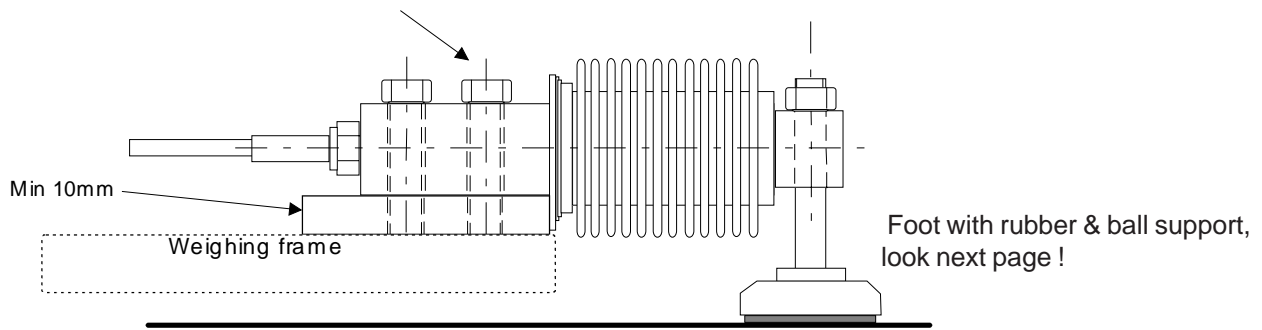
New series of Analogue and digital convertes for load cells, with communication as:
Profibus, Can Bus, RS485 Modbus, Ethernet

Nordisk Transducer Teknik Als Oddevej 85 DK-9560 Hadsund Danmark
Ph. +45 98 58 14 44 fax. +45 98 58 18 66 e-mail: ntt@ntt.dk WEB: www.ntt.dk

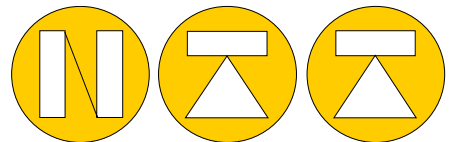
Mounting of bending Beam load cells with a foot for max. 200kg cells



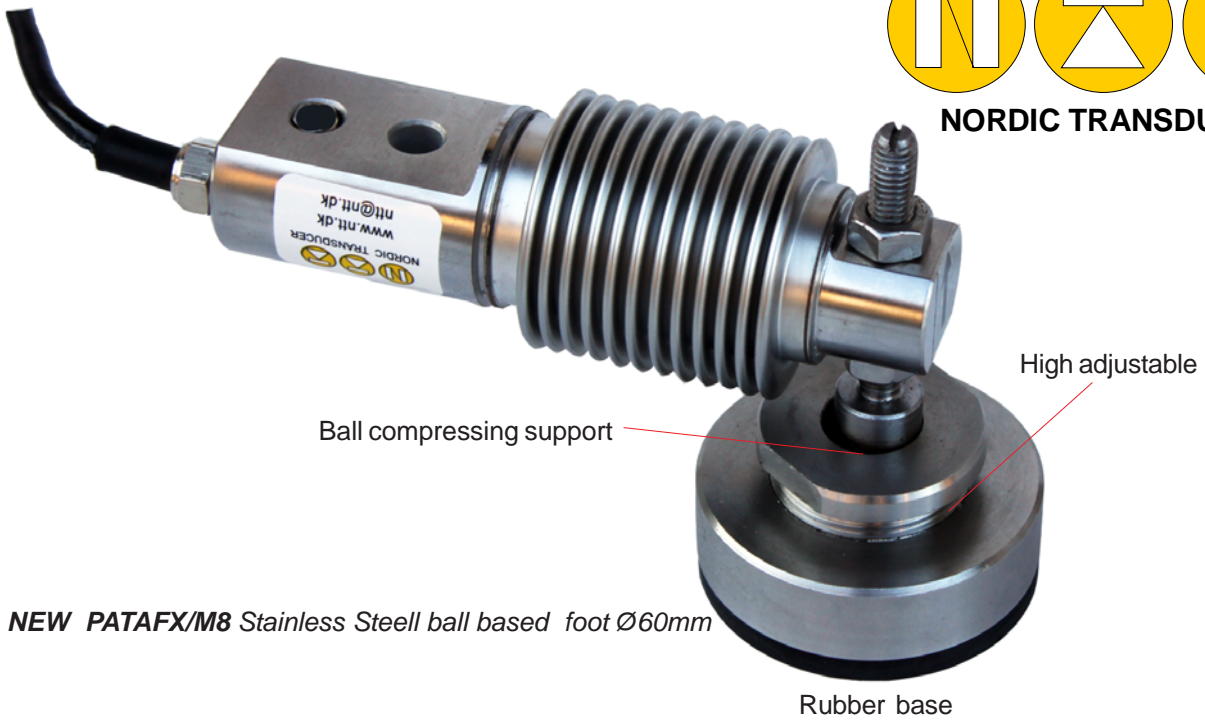
Mounting torque on the M8 bolt is max. 23Nm



Cable color code
 Red + Excitation
 Black - Excitation
 Green + signal
 White - signal



NORDIC TRANSDUCER



Ball compressing support

High adjustable

NEW PATAFX/M8 Stainless Steel ball based foot Ø60mm

Rubber base

LAB202.1 from H&B



NEW smart Load Cell excitation Ø16 tube with 2 wire system for 4..20mA signal output on the whole range, to connected at the end of Load Cell cable with signal wire to PLC o.l.

