



Dimensions in mm

Capacity: 30kN - 750kN Stainless steel

Sensitivity mV/V approx. 1.0-2.0

Non linearity %FS +/- 1.0 - 3.0

Hysteresis %FS +/- 1.5

Repeatability %FS +/- 0.5

Zero balance %FS +/- 1.0

Zero temp. drift %FS/10°C +/- 0.2

Span temp. drift %FS/10°C +/- 0.2

Supply voltage V max. 10 (AC/DC)

Temp. compensation range -10 - +50 °C

Input Impedance 350+/- 10 Ohms

Output Impedance 350+/- 5 Ohms

Safe overload %FS 150

Cable in high quality

Ø3.5mm x length 3000mm for M8-M20

Ø5.4mm x length 5000mm for M24-M36

4 wire

Input+ : Red, Input-: Black

Output+: Green, Output-: White

Cable screen is not connected to load cell body

Protection degree: Potted IP65

Bolt size	Force kN	A	B	C	D	E
M8	30	24	12	15	8.3	2.24
M10	60	26	12	17	10.3	2.24
M12	80	31	15	22	12.3	2.74
M16	120	36	15	27	16.3	2.74
M20	160	46	16	38	20.3	3
M24	300	56	22	47	24.5	3.24
M30	500	68	27	59	30.8	3.36
M36	750	80	29	66	37.5	4

<p>Nordic Transducer</p>	(Zul. Abw.)	(Oberfl.)	Maßstab	(Gewicht)
			(Compression Load Cell) Cell Material: Stainless Steel Finish: Welded/ potted	
	Bearb.	Datum	<p>BTN-Mxx Bolt Tension Transducer</p>	
	Gepr.	Name		
Norm				
			<p>Nordic Transducer</p>	
			<p>Blatt</p>	
			<p>Blätter</p>	
			<p>Ref. force: 1 kg = 9.80665N</p>	
Zust.	Änderung	Date: 01042016	SHEET: 1 OF 1	REVISION: 02

BTN-Mxx Bolt Tension Transducer



Scope: The bolt tension Load cell can be connected to all of our Amplifiers and instruments.

STAR instrument can be used for up to 7 different load cell capacities, also with option for datalogging +++,

please call us and ask for our solution to solve your

