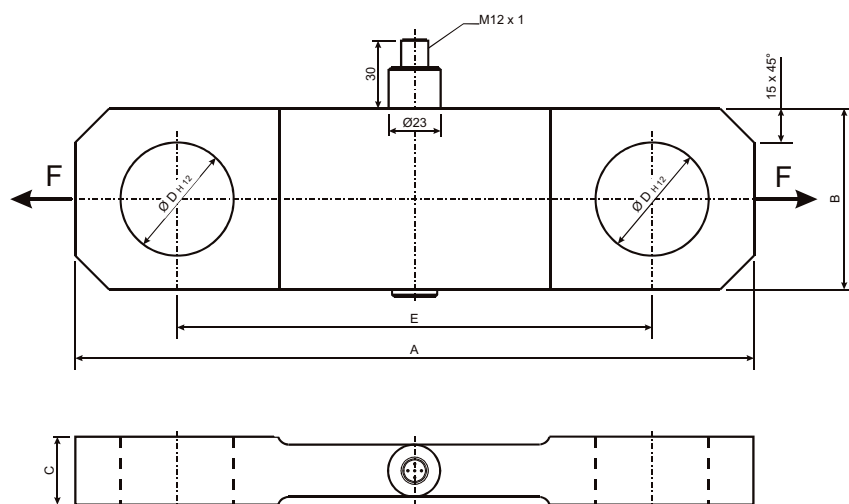
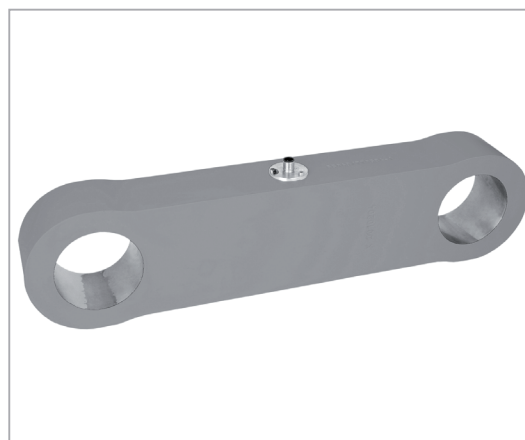


Tension Link

Model F7301

max.
10,000
kN

Measuring ranges

- 0-5 t to 0-150 t



Features

- Thin-film implants
- High shock and vibration resistance
- For dynamic or static measurements



Options

- Improved Accuracy
- Atex approval



Drawing

- DE990

All dimensions are in millimeters, unless otherwise noted. Also available in American units.

PERFORMANCE SPECIFICATIONS (FSO is Full Scale Output)

EXCITATION	
for current output	10-30 VDC
for voltage output	14-30 VDC
OUTPUT	
2-wire current	4-20 mA
3-wire voltage	0-10 VDC
LINEARITY	±2.0 or 1.0% FSO
HYSTERESIS	±0.30% FSO
REPEATABILITY	±0.10% FSO
CROSS SENSITIVITY (Signal with 100% load at 90°)	±5.0%
OPERATING TEMP RANGE	-40 to +80°C
COMPENSATED TEMP RANGE	-20 to +80°C
THERMAL EFFECTS	
on Zero	0.2% FSO/10K
on Span	0.2% FSO/10K
SAFE OVERLOAD	150% of Capacity
ULTIMATE OVERLOAD	300% of Capacity
CASING MATERIAL	Stainless Steel

Nominal loads (t)	A	B	C	D	E
5	280	68	30	36	200
10	350	90	35	47	250
15	410	110	40	44	300
20	420	120	50	57	300
25	420	120	53	45.5	300
30	470	130	60	50.5	340
40	480	140	67	60.5	340
50	480	140	77	60.5	340
60	520	160	87	70.5	360
80	570	160	67	80	380
100	740	200	110	100.5	500
120	740	210	110	110.5	500
150	740	200	122	91	500

Analog output	4 ... 20 mA (2-wire)		0...10 VDC (3-wire)	
Electrical connection	Pin	Conductor marking	Pin	Conductor marking
Supply voltage (UB+)	1	Brown	1	Brown
Supply voltage (0 V)	3	Blue	3	Blue
Signal (+)	1	Brown	4	Black
Signal (-)	3	Blue	3	Blue
Screen	M 12 × 1	Screen	M 12 × 1	Screen