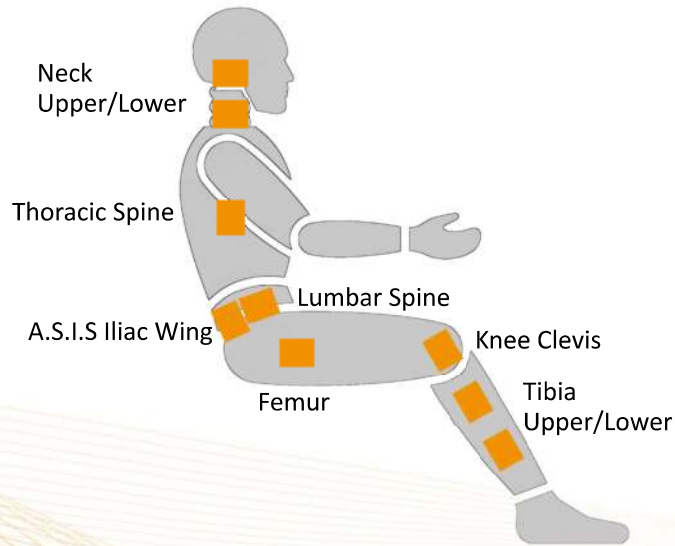
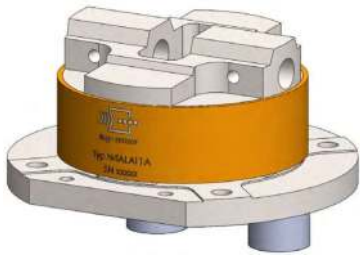


Dummy H3-95%



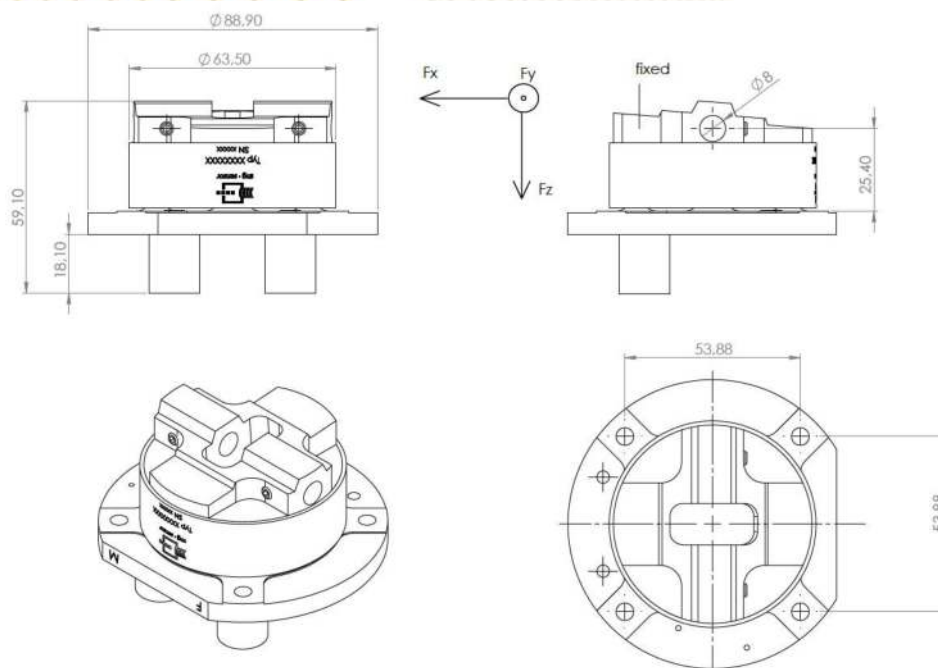
Location	Axial	Model*	Page
Neck	4	N4ALA11A	63
Neck	6	N6AKI11A ; N6AKO11A (on request)	64
Neck, Upper	3	N3ALA11A	65
Neck, Upper	6	N6ALB11A	66
Neck, Lower	6	N6AKC11A ; N6AKJ11A	67
Thoracic Spine	3	N3ASA11A	on request
Thoracic Spine	5	N5ASA11A	on request
Lumbar Spine	3	N3AIA11A	69
Lumbar Spine	6	N6AIA61A	70
A.S.I.S Iliac Wing Pair	2	F2AXA11A	on request
A.S.I.S Iliac Wing Left	2	F2AXB11A	on request
A.S.I.S Iliac Wing Right	2	F2AXC11A	on request
Femur	1	F1ACA11A ; F1ACG10A	71
Femur	2	F2ACA11A	73
Femur	6	N6ACB11A	74
Femur	6	N6ACC11A ; N6ACF11A	on request
Knee Clevis	2	F2A9C11A	75
Tibia, Upper	3	N3AUA11A	76
Tibia, Upper	4	N4AUA11A	77
Tibia, Upper	5	N5AUA11A	78
Tibia, Upper	6	N6AUA11A	79
Tibia, Lower	4	N4ATA10A ; N4ATB11A (on request)	80
Tibia, Lower	5	N5ATA11A	81
Tibia, Lower	6	N6ATA11A	on request

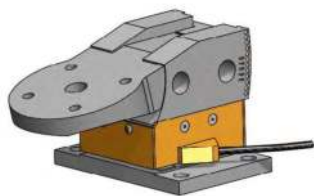
*additional versions available on request!

N4ALA11A   Dummy side view see page 62	Description	Load Cell, 4-axial Neck	
	Measuring range <i>F_x/F_y/F_z</i> <i>M_y</i>	kN Nm	8,9/8,9/13,3 282
	Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_y</i>	μV/V/kN μV/V/Nm	180/180/90 5,7
	Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_y</i>	mV/V	1,6/1,6/1,2/1,6
	Bridge resistance <i>F_x/F_y/F_z/M_y</i>	Ω	350/350/700/350
	Zero signal ¹⁾	mV/V	≤ 0,05
	Amplitude non-linearity ³⁾	%	≤ 1,0
	Hysteresis ³⁾	%	≤ 1,0
	Channel crosstalk ³⁾	%	≤ 5,0
	Supply voltage	V	2–15
	Ultimate load	%	150
	Insulation resistance	MΩ	> 100
	Temperature range	°C	–30..+70
	Weight (approximate)	g	630
	Application	H3-Family, SIDIIs, BioSID, H3-6YO	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



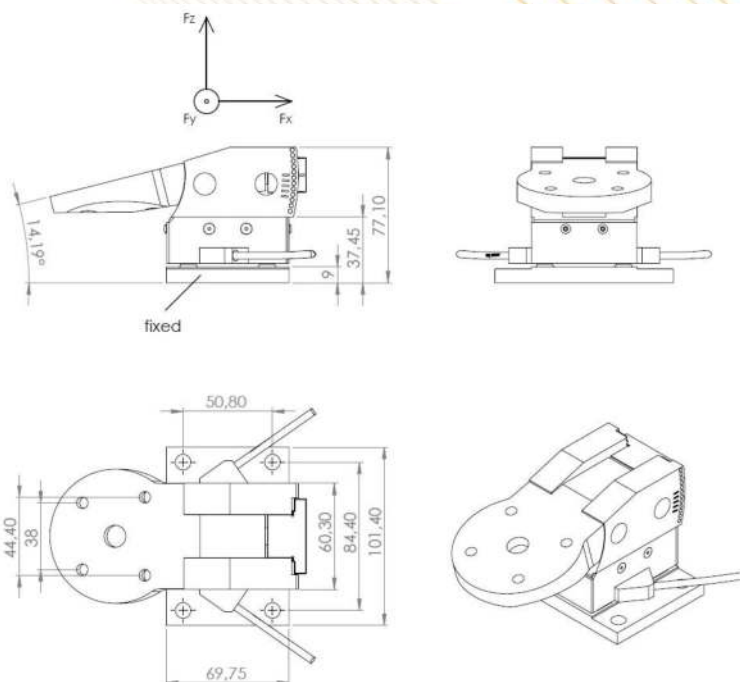
N6AKI11A

Dummy side view see page 62

Description	Load Cell, 6-axial Neck	
Measuring range $F_x//F_yF_z$ $M_x/M_y/M_z$	kN Nm	6,7/6,7/8,9 340/340/225
Sensitivity ¹⁾ $F_x//F_yF_z$ $M_x/M_y/M_z$	$\mu V/V/kN$ $\mu V/V/Nm$	284/284/67 4,1/4,1/5,8
Output signal ^{1), 2)} $F_x/F_yF_z/M_x/M_y/M_z$	mV/V	1,9/1,9/0,6/1,4/1,4/1,3
Bridge resistance $F_x/F_y/F_z/M_x/M_y/M_z$	Ω	350/350/1400/700/700/350
Zero signal ¹⁾	mV/V	$\leq 0,05$
Amplitude non-linearity ³⁾	%	$\leq 1,0$
Hysteresis ³⁾	%	$\leq 1,0$
Channel crosstalk ³⁾	%	$\leq 5,0$
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	M Ω	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	920
Application	H3-50%, H3-95%, FAA, BioSID	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



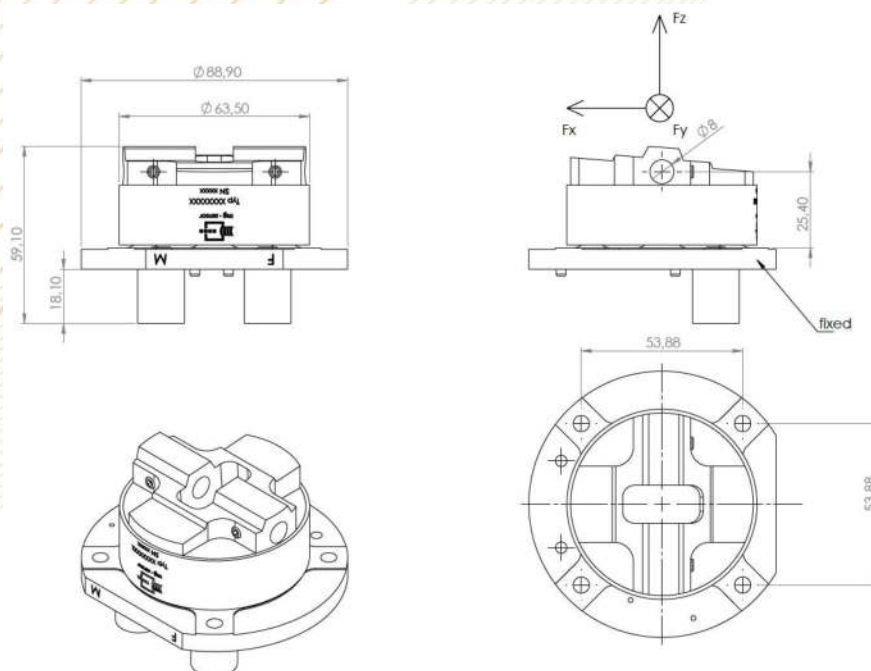
N3ALA11A

Dummy side view see page 62

Description	Load Cell, 3-axial Neck, Upper	
Measuring range <i>F_x/F_z</i> <i>My</i>	kN Nm	8,9/13,3 282
Sensitivity ¹⁾ <i>F_x/F_z</i> <i>My</i>	μV/V/kN μV/V/Nm	191/105 6,0
Output signal ^{1), 2)} <i>F_x/F_z/My</i>	mV/V	1,7/1,4/1,7
Bridge resistance <i>F_x/F_z/My</i>	Ω	350/700/350
Zero signal ¹⁾	mV/V	≤ 0,05
Amplitude non-linearity ³⁾	%	≤ 1,0
Hysteresis ³⁾	%	≤ 1,0
Channel crosstalk ³⁾	%	≤ 5,0
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	MΩ	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	680
Application	H3-Family, FAA, H3-6YO, H3-10YO	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



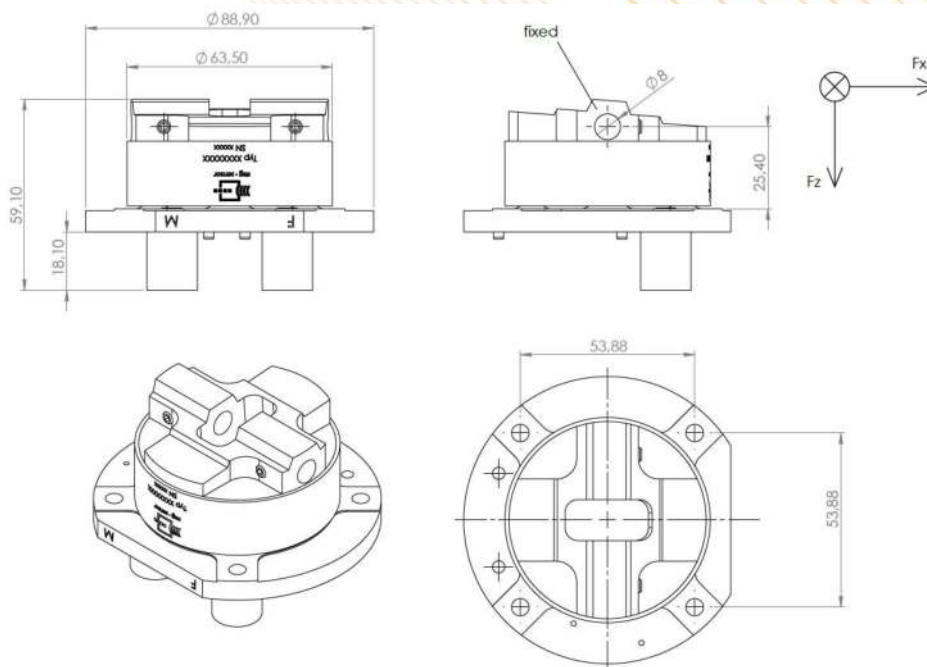
N6ALB11A

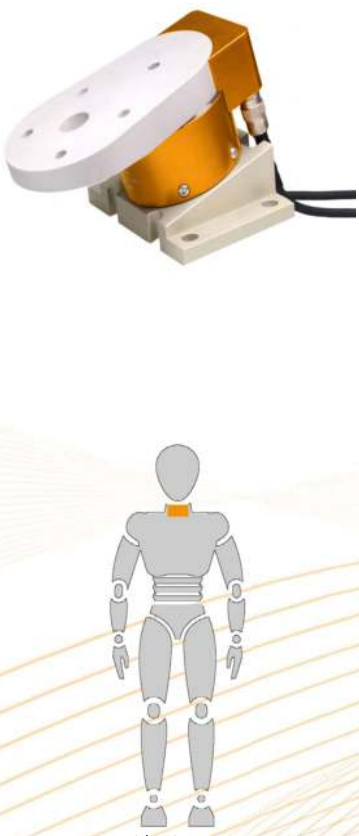
Dummy side view see page 62

Description	Load Cell, 6-axial Neck, Upper	
Measuring range <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	kN Nm	8,9/8,9/13,3 282/282/282
Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	μV/V/kN μV/V/Nm	191/191/105 6,0/6,0/8,2
Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	mV/V	1,7/1,7/1,4/1,7/1,7/2,3
Bridge resistance <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	Ω	350/350/700/350/350/700
Zero signal ¹⁾	mV/V	≤ 0,05
Amplitude non-linearity ³⁾	%	≤ 1,0
Hysteresis ³⁾	%	≤ 1,0
Channel crosstalk ³⁾	%	≤ 5,0
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	MΩ	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	680
Application	H3-Family, FAA, SIDIIs, BioSID, H3-6YO, H3-10YO	

All values measured at 10 V sensor supply voltage and at 23 °C.

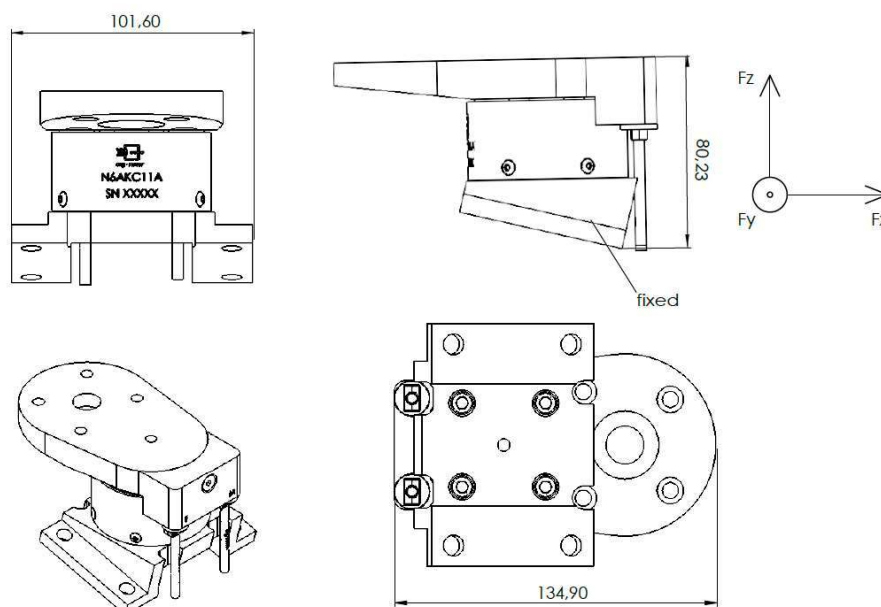
¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



 Dummy side view see page 62	Description		Load Cell, 6-axial Neck, Lower	
	Measuring range $F_x/F_y/F_z$ $M_x/M_y/M_z$	kN Nm	13,3/13,3/13,3 452/452/452	
	Sensitivity ¹⁾ $F_x/F_y/F_z$ $M_x/M_y/M_z$	$\mu\text{V/V/kN}$ $\mu\text{V/V/Nm}$	120/120/68 3,8/3,8/6,6	
	Output signal ^{1), 2)} $F_x/F_y/F_z/M_x/M_y/M_z$	mV/V	1,6/1,6/0,9/1,7/1,7/3,0	
	Bridge resistance $F_x/F_y/F_z/M_x/M_y/M_z$	Ω	350/350/700/350/350/700	
	Zero signal ¹⁾	mV/V	$\leq 0,05$	
	Amplitude non-linearity ³⁾	%	$\leq 1,0$	
	Hysteresis ³⁾	%	$\leq 1,0$	
	Channel crosstalk ³⁾	%	$\leq 5,0$	
	Supply voltage	V	2–15	
	Ultimate load	%	150	
	Insulation resistance	M Ω	> 100	
	Temperature range	°C	–30..+70	
	Weight (approximate)	g	830	
	Application	H3-50%, H3-95%, FAA, BioSID		

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



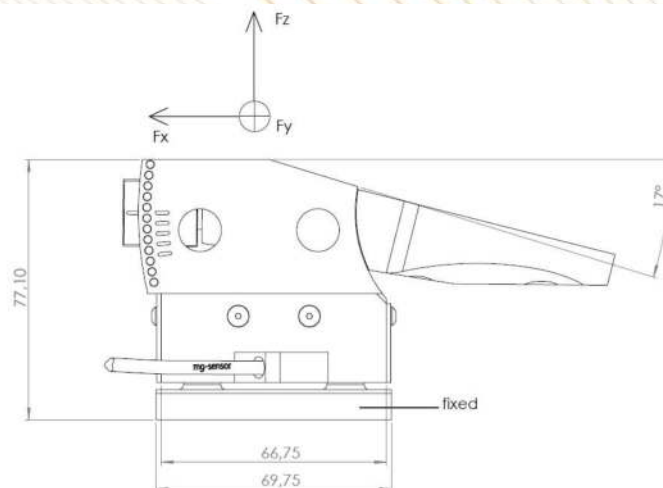
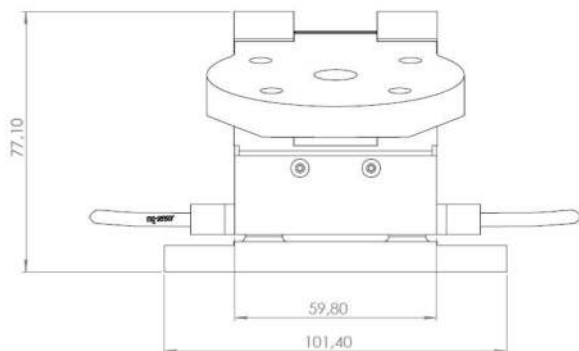
N6AKJ11A

Dummy side view see page 62

Description	Load Cell, 6-axis Neck, Lower	
Measuring range <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	kN Nm	13,3/13,3/13,3 678/678/452
Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	$\mu\text{V/V/kN}$ $\mu\text{V/V/Nm}$	135/135/75 2,2/2,2/3,3
Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	mV/V	1,8/1,8/1,0/1,5/1,5/1,5
Bridge resistance <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	Ω	350/350/700/700/700/350
Zero signal ¹⁾	mV/V	$\leq 0,05$
Amplitude non-linearity ³⁾	%	$\leq 1,0$
Hysteresis ³⁾	%	$\leq 1,0$
Channel crosstalk ³⁾	%	$\leq 5,0$
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	M Ω	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	920
Application	H3-50%, H3-95%	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N3AIA11A

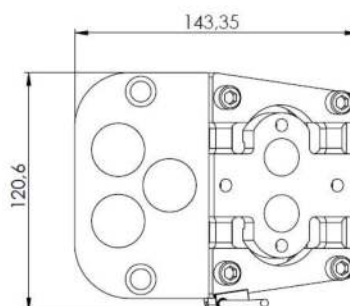
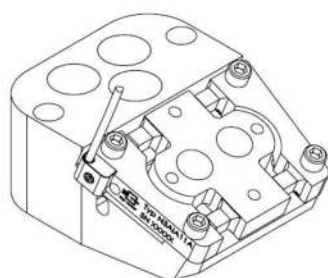
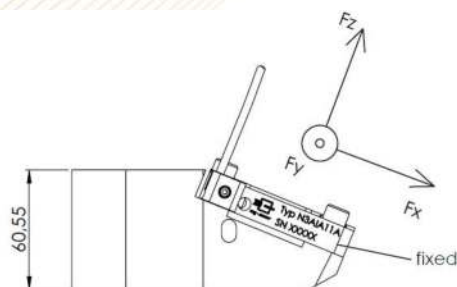
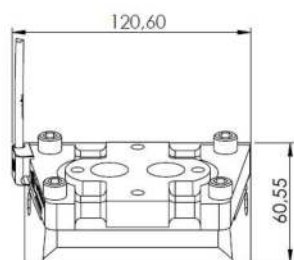



Dummy side view see page 62

Description		Load Cell, 3-axial Lumbar Spine	
Measuring range <i>F_x/F_z</i> <i>M_y</i>	kN Nm	13,3/13,3 565	
Sensitivity ¹⁾ <i>F_x/F_z</i> <i>M_y</i>	μV/V/kN μV/V/Nm	75/75 2,8	
Output signal ^{1), 2)} <i>F_x/F_z/M_y</i>	mV/V	1,0/1,0/1,6	
Bridge resistance <i>F_x/F_z/M_y</i>	Ω	350/350/700	
Zero signal ¹⁾	mV/V	≤ 0,05	
Amplitude non-linearity ³⁾	%	≤ 1,0	
Hysteresis ³⁾	%	≤ 1,0	
Channel crosstalk ³⁾	%	≤ 5,0	
Supply voltage	V	2–15	
Ultimate load	%	150	
Insulation resistance	MΩ	> 100	
Temperature range	°C	–30..+70	
Weight (approximate)	g	7200	
Application	H3-50%, H3-95%, FAA		

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N6AIA61A

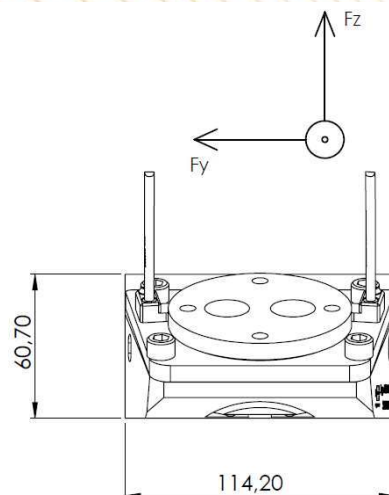
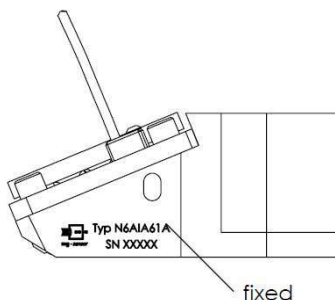
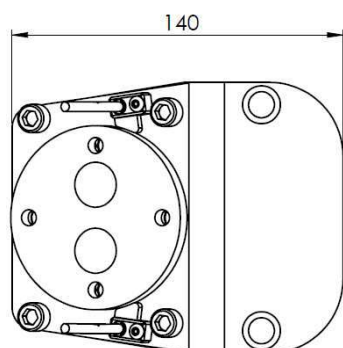


Dummy side view see page 62

Description	Load Cell, 6-axial Lumbar Spine	
Measuring range <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	kN Nm	15/15/20 600/600/350
Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	μV/V/kN μV/V/Nm	127/127/55 3,0/3,0/4,6
Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	mV/V	1,9/1,9/1,1/1,8/1,8/1,6
Bridge resistance <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	Ω	350/350/1400/700/700/350
Zero signal ¹⁾	mV/V	≤ 0,05
Amplitude non-linearity ³⁾	%	≤ 1,0
Hysteresis ³⁾	%	≤ 1,0
Channel crosstalk ³⁾	%	≤ 5,0
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	MΩ	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	7200
Application	H3-50%, H3-95%	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



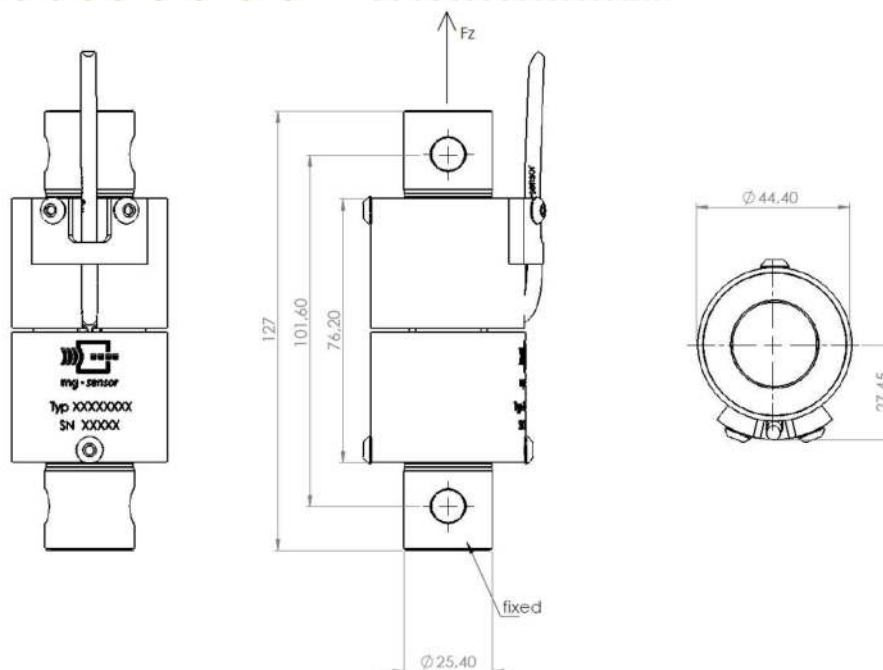
F1ACA11A

Dummy side view see page 62

Description	Load Cell, 1-axial Femur	
Measuring range F_z	kN	13,3
Sensitivity ¹⁾ F_z	$\mu\text{V/V/kN}$	105
Output signal ^{1), 2)} F_z	mV/V	1,4
Bridge resistance F_z	Ω	350
Zero signal ¹⁾	mV/V	$\leq 0,05$
Amplitude non-linearity ³⁾	%	$\leq 1,0$
Hysteresis ³⁾	%	$\leq 1,0$
Channel crosstalk ³⁾	%	-
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	M Ω	> 100
Temperature range	°C	-30..+70
Weight (approximate)	g	630
Application	H2-50%, H3-Family, FAA	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



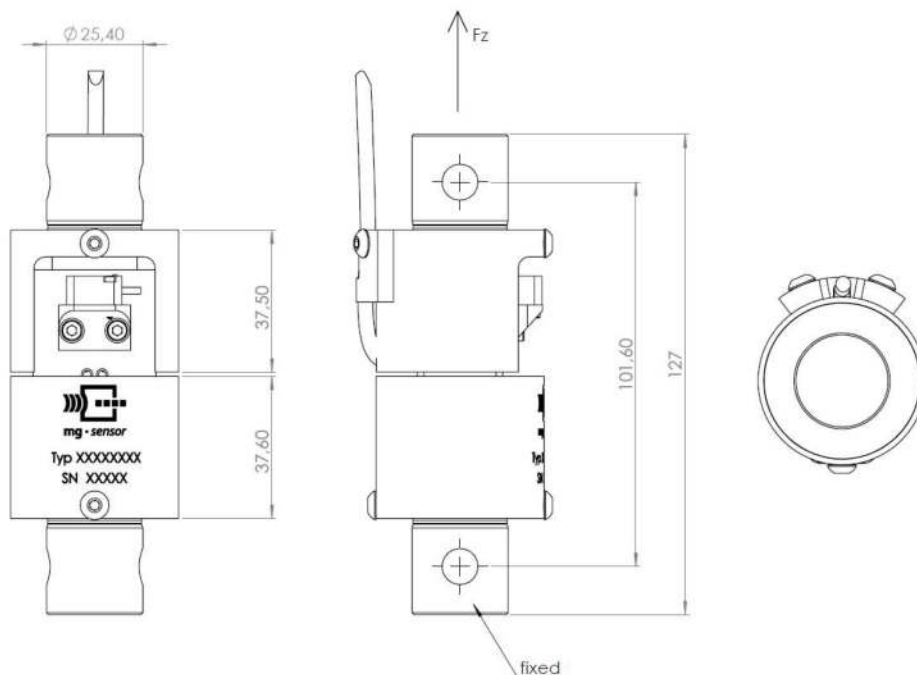
F1ACG10A

Dummy side view see page 62

Description	Load Cell, 1-axial Femur	
Measuring range F_z	kN	13,3
Sensitivity ¹⁾ F_z	$\mu\text{V/V/kN}$	105
Output signal ^{1), 2)} F_z	mV/V	1,4
Bridge resistance F_z	Ω	350
Zero signal ¹⁾	mV/V	$\leq 0,05$
Amplitude non-linearity ³⁾	%	$\leq 1,0$
Hysteresis ³⁾	%	$\leq 1,0$
Channel crosstalk ³⁾	%	-
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	M Ω	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	630
Application	H2-50%, H3-Family, FAA	

All values measured at 10 V sensor supply voltage and at 23 °C.

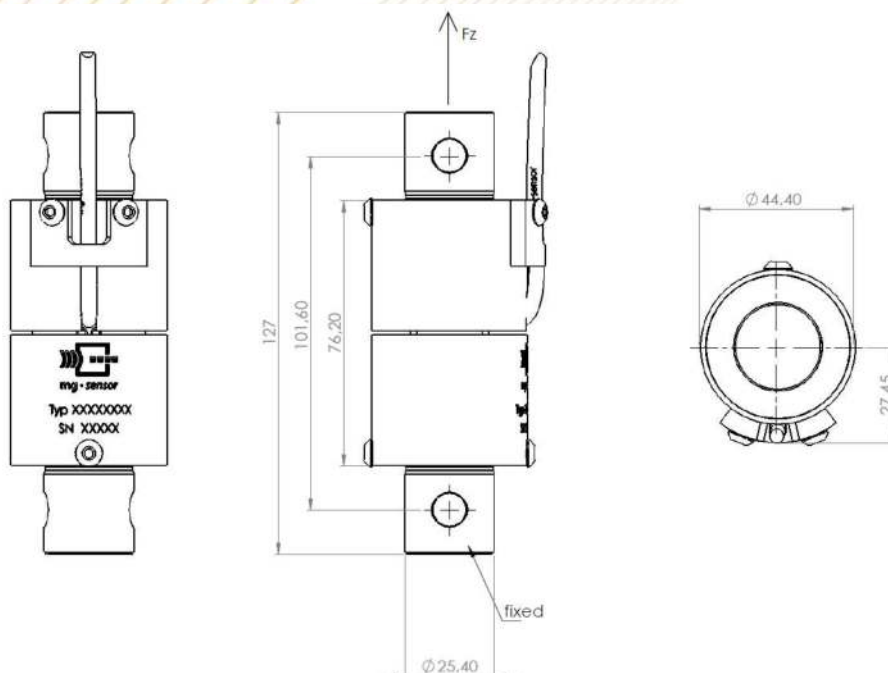
¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



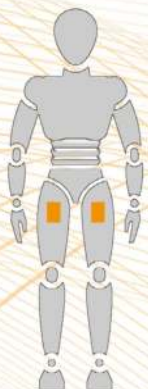
F2ACA11A   Dummy side view see page 62	Description		Load Cell, 2-axial Femur	
	Measuring range F_z/F_z	kN	13,3/13,3	
	Sensitivity ¹⁾ F_z/F_z	$\mu\text{V/V/kN}$	113/113	
	Output signal ^{1), 2)} F_z/F_z	mV/V	1,5/1,5	
	Bridge resistance F_z/F_z	Ω	350/350	
	Zero signal ¹⁾	mV/V	$\leq 0,05$	
	Amplitude non-linearity ³⁾	%	$\leq 1,0$	
	Hysteresis ³⁾	%	$\leq 1,0$	
	Channel crosstalk ³⁾	%	$\leq 5,0$	
	Supply voltage	V	2–15	
	Ultimate load	%	150	
	Insulation resistance	M Ω	> 100	
	Temperature range	$^{\circ}\text{C}$	–30...+70	
	Weight (approximate)	g	630	
	Application	H2-50%, H3-Family, FAA		

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N6ACB11A



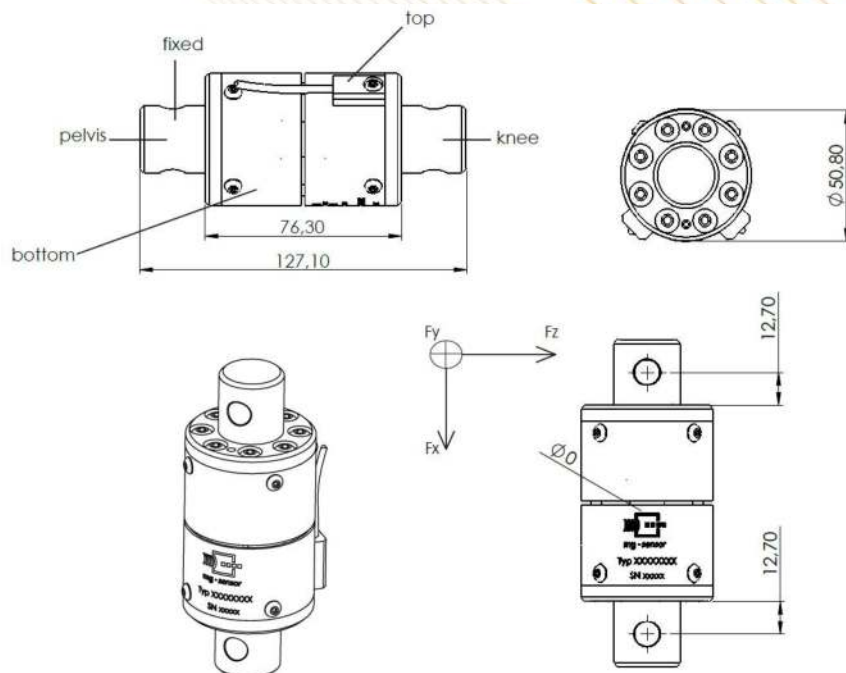
Dummy side view see page 62

Description	Load Cell, 6-axial Femur (with aluminum caps)*	
Measuring range <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	kN Nm	13,3/13,3/22,2 339/339/339
Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	μV/V/kN μV/V/Nm	135/135/54 4,4/4,4/7,7
Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	mV/V	1,8/1,8/1,2/1,5/1,5/2,6
Bridge resistance <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	Ω	350/350/700/350/350/700
Zero signal ¹⁾	mV/V	≤ 0,05
Amplitude non-linearity ³⁾	%	≤ 1,0
Hysteresis ³⁾	%	≤ 1,0
Channel crosstalk ³⁾	%	≤ 5,0
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	MΩ	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	850
Application	H2-50%, H3-Family, Thor, FAA, SID-Family	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range

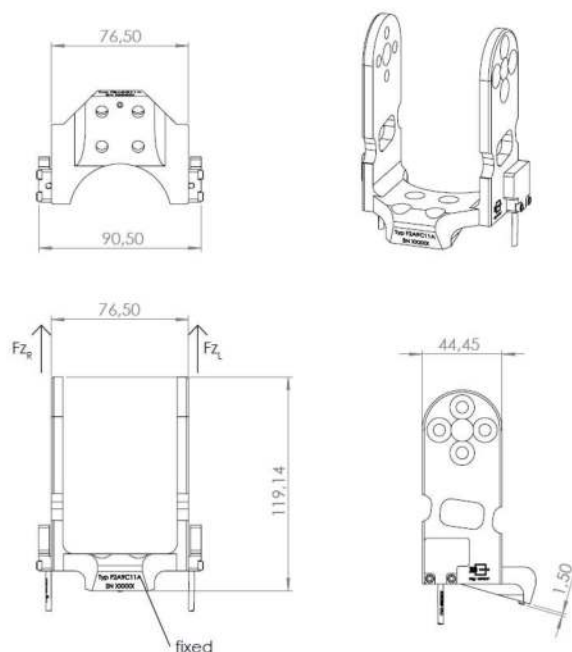
*likewise with steel caps (N6ACC11A) or without caps (N6ACF11A).



F2A9C11A   Dummy side view see page 62	Description		Load Cell, 2-axial Knee Clevis	
	Measuring range F_{z_L}/F_{z_R}	kN	8,9/8,9	
	Sensitivity ¹⁾ F_{z_L}/F_{z_R}	$\mu\text{V/V/kN}$	225/225	
	Output signal ^{1), 2)} F_{z_L}/F_{z_R}	mV/V	2,0/2,0	
	Bridge resistance F_{z_L}/F_{z_R}	Ω	350/350	
	Zero signal ¹⁾	mV/V	$\leq 0,05$	
	Amplitude non-linearity ³⁾	%	$\leq 1,0$	
	Hysteresis ³⁾	%	$\leq 1,0$	
	Channel crosstalk ³⁾	%	-	
	Supply voltage	V	2–15	
	Ultimate load	%	150	
	Insulation resistance	M Ω	> 100	
	Temperature range	°C	–30..+70	
	Weight (approximate)	g	590	
	Application	H3-95%		

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N3AUA11A

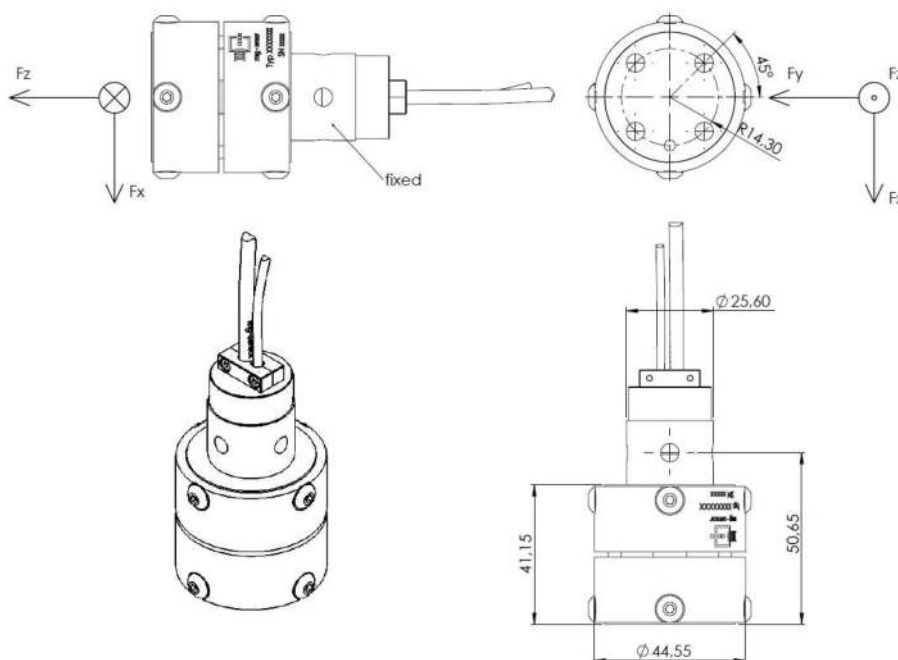


Dummy side view see page 62

Description	Load Cell, 3-axial Tibia, Upper	
Measuring range <i>Fz</i> <i>Mx/My</i>	kN Nm	11,1 395/395
Sensitivity ¹⁾ <i>Fz</i> <i>Mx/My</i>	$\mu\text{V/V/kN}$ $\mu\text{V/V/Nm}$	90 7,6/7,6
Output signal ^{1), 2)} <i>Fz/Mx/My</i>	mV/V	1,0/3,0/3,0
Bridge resistance <i>Fz/Mx/My</i>	Ω	700/350/350
Zero signal ¹⁾	mV/V	$\leq 0,05$
Amplitude non-linearity ³⁾	%	$\leq 1,0$
Hysteresis ³⁾	%	$\leq 1,0$
Channel crosstalk ³⁾	%	$\leq 5,0$
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	M Ω	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	500
Application	H3-Family, FAA, BioSID	

All values measured at 10 V sensor supply voltage and at 23 °C.

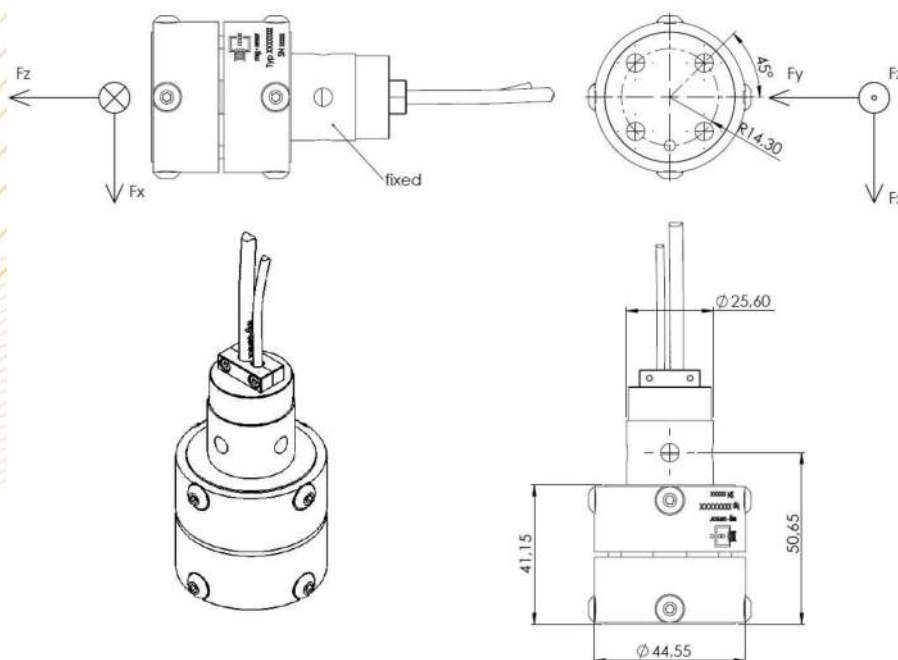
¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N4AUA10A   Dummy side view see page 62	Description	Load Cell, 4-axial Tibia, Upper	
	Measuring range <i>F_x/F_z</i> <i>M_x/M_y</i>	kN Nm	11,1/11,1 395/395
	Sensitivity ¹⁾ <i>F_x/F_z</i> <i>M_x/M_y</i>	μV/V/kN μV/V/Nm	180/90 7,6/7,6
	Output signal ^{1), 2)} <i>F_x/F_z/M_x/M_y</i>	mV/V	2,0/1,0/3,0/3,0
	Bridge resistance <i>F_x/F_z/M_x/M_y</i>	Ω	350/700/350/350
	Zero signal ¹⁾	mV/V	≤ 0,05
	Amplitude non-linearity ³⁾	%	≤ 1,0
	Hysteresis ³⁾	%	≤ 1,0
	Channel crosstalk ³⁾	%	≤ 5,0
	Supply voltage	V	2–15
	Ultimate load	%	150
	Insulation resistance	MΩ	> 100
	Temperature range	°C	–30..+70
	Weight (approximate)	g	500
	Application	H3-Family, FAA, BioSID	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N5AUA11A

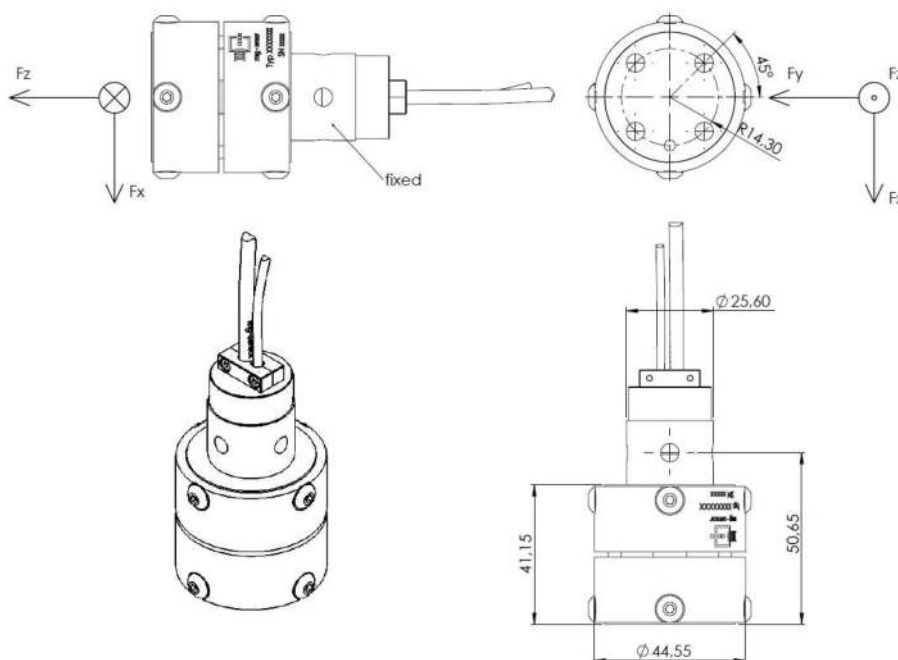


Dummy side view see page 62

Description	Load Cell, 5-axis Tibia, Upper	
Measuring range <i>F_x/F_y/F_z</i> <i>M_x/M_y</i>	kN Nm	11,1/11,1/11,1 395/395
Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_x/M_y</i>	μV/V/kN μV/V/Nm	180/180/90 7,6/7,6
Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_x/M_y</i>	mV/V	2,0/2,0/1,0/3,0/3,0
Bridge resistance <i>F_x/F_y/F_z/M_x/M_y</i>	Ω	350/350/700/350/350
Zero signal ¹⁾	mV/V	≤ 0,05
Amplitude non-linearity ³⁾	%	≤ 1,0
Hysteresis ³⁾	%	≤ 1,0
Channel crosstalk ³⁾	%	≤ 5,0
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	MΩ	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	500
Application	H3-Family, FAA, SIDIIs, BioSID,	

All values measured at 10 V sensor supply voltage and at 23 °C.

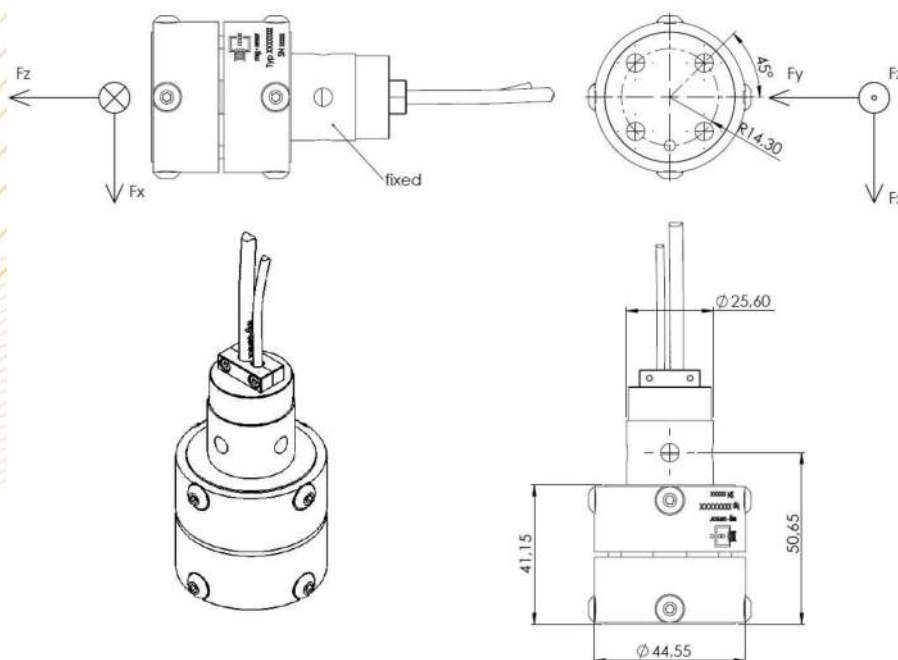
¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N6AUA11A   Dummy side view see page 62	Description	Load Cell, 6-axial Tibia, Upper	
	Measuring range <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	kN Nm	11,1/11,1/11,1 395/395/226
	Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_x/M_y/M_z</i>	μV/V/kN μV/V/Nm	180/180/90 7,6/7,6/13,3
	Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	mV/V	2,0/2,0/1,0/3,0/3,0/3,0
	Bridge resistance <i>F_x/F_y/F_z/M_x/M_y/M_z</i>	Ω	350/350/700/350/350/700
	Zero signal ¹⁾	mV/V	≤ 0,05
	Amplitude non-linearity ³⁾	%	≤ 1,0
	Hysteresis ³⁾	%	≤ 1,0
	Channel crosstalk ³⁾	%	≤ 5,0
	Supply voltage	V	2–15
	Ultimate load	%	150
	Insulation resistance	MΩ	> 100
	Temperature range	°C	–30..+70
	Weight (approximate)	g	500
	Application	H3-Family	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N4ATA10A

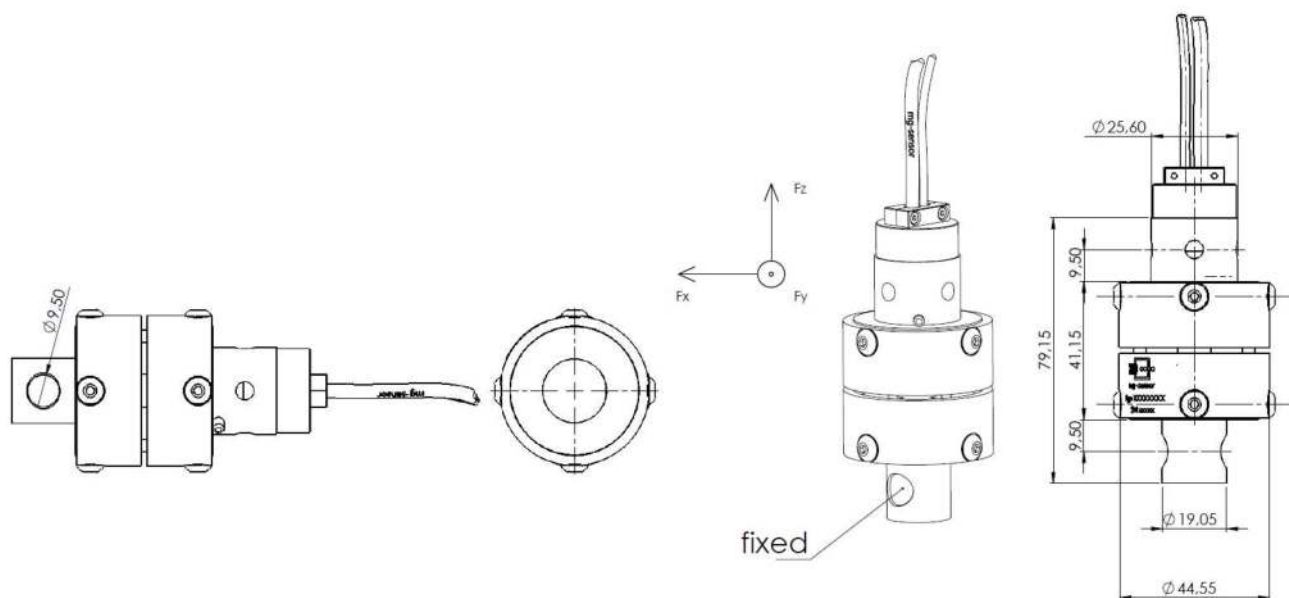


Dummy side view see page 62

Description	Load Cell, 4-axial Tibia, Lower	
Measuring range <i>F_x/F_z</i> <i>M_x/M_y</i>	kN Nm	11,1/11,1 395/395
Sensitivity ¹⁾ <i>F_x/F_z</i> <i>M_x/M_y</i>	$\mu\text{V/V/kN}$ $\mu\text{V/V/Nm}$	180/90 7,6/7,6
Output signal ^{1), 2)} <i>F_x/F_z/M_x/M_y</i>	mV/V	2,0/1,0/3,0/3,0
Bridge resistance <i>F_x/F_z/M_x/M_y</i>	Ω	350/700/350/350
Zero signal ¹⁾	mV/V	$\leq 0,05$
Amplitude non-linearity ³⁾	%	$\leq 1,0$
Hysteresis ³⁾	%	$\leq 1,0$
Channel crosstalk ³⁾	%	$\leq 5,0$
Supply voltage	V	2–15
Ultimate load	%	150
Insulation resistance	M Ω	> 100
Temperature range	°C	–30..+70
Weight (approximate)	g	500
Application	H3-Family, FAA, BioSID	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range



N5ATA11A   Dummy side view see page 62	Description	Load Cell, 5-axial Tibia, Lower	
	Measuring range <i>F_x/F_y/F_z</i> <i>M_x/M_y</i>	kN Nm	11,1/11,1/11,1 395/395
	Sensitivity ¹⁾ <i>F_x/F_y/F_z</i> <i>M_x/M_y</i>	μV/V/kN μV/V/Nm	180/180/90 7,6/7,6
	Output signal ^{1), 2)} <i>F_x/F_y/F_z/M_x/M_y</i>	mV/V	2,0/2,0/1,0/3,0/3,0
	Bridge resistance <i>F_x/F_y/F_z/M_x/M_y</i>	Ω	350/350/700/350/350
	Zero signal ¹⁾	mV/V	≤ 0,05
	Amplitude non-linearity ³⁾	%	≤ 1,0
	Hysteresis ³⁾	%	≤ 1,0
	Channel crosstalk ³⁾	%	≤ 5,0
	Supply voltage	V	2–15
	Ultimate load	%	150
	Insulation resistance	MΩ	> 100
	Temperature range	°C	–30..+70
	Weight (approximate)	g	500
	Application	H3-Family, FAA, SIDIIs, BioSID	

All values measured at 10 V sensor supply voltage and at 23 °C.

¹⁾ Typical value, ²⁾ At nominal load, ³⁾ Relative nominal range

