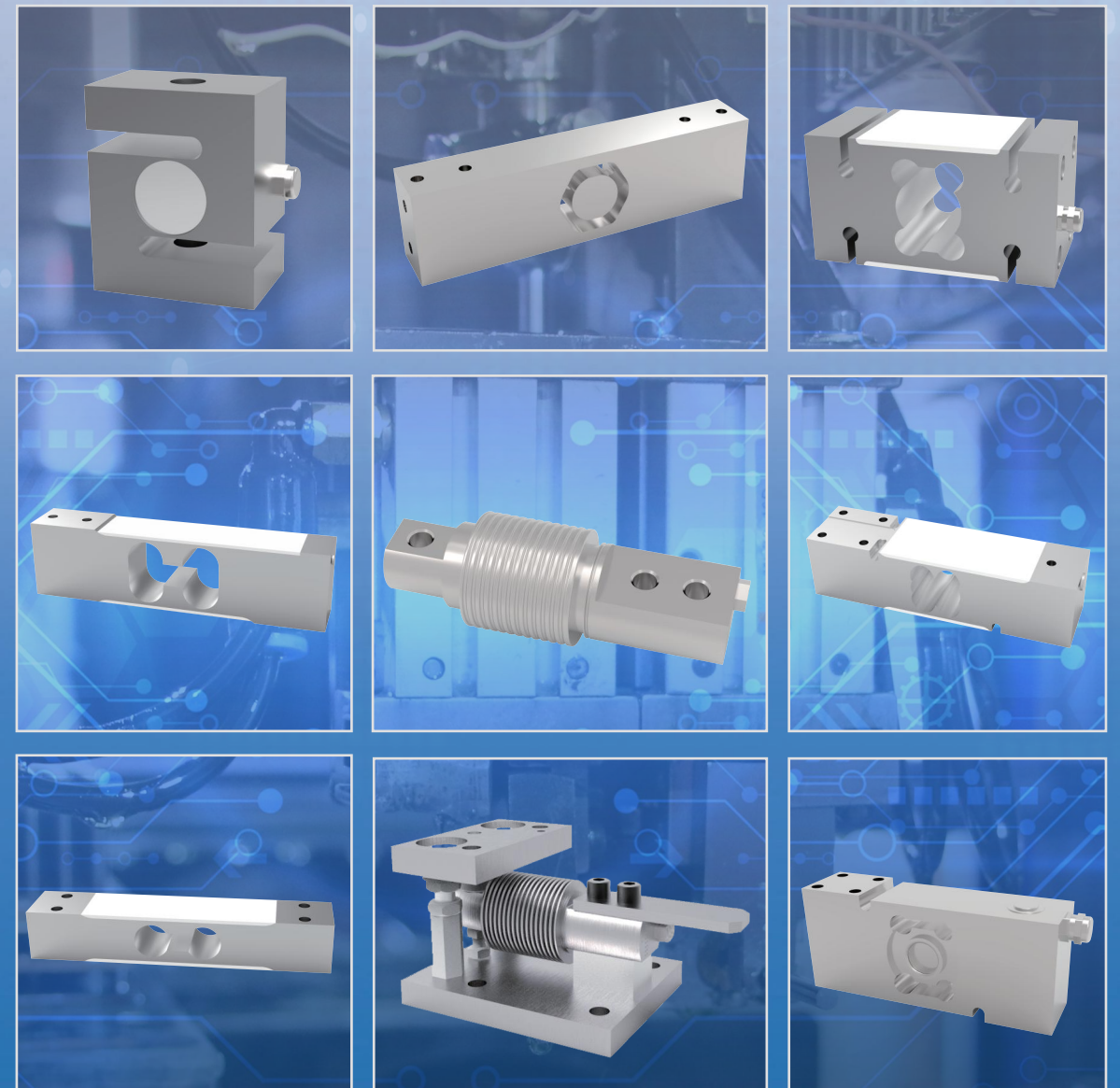


Weighing sensor

Spread technology

Sense the future



Product selection manual

Fibos Measurement Technology (Changzhou) Co., Ltd.

📍 B3-A, Fengshu Industrial Park, No.12-1, Xinhui Road, Wujin National High-tech Industrial Development Zone,
Changzhou City, Jiangsu, China

🌐 www.fibos.cn

☎ 181-1232-9822

Shenzhen Office

📍 3 / F, Block F, Rush Gold Building, Tenglong Road, Dalang Street, Longhua District, Shenzhen

🌐 www.fibos.cn

☎ 134-8077-7594

Specialized in the production of sensors

To provide you with exclusive weighing
force measurement custom program

Company Introduction

Brand Culture

I have three goals

My goal is that one day my suppliers will be proud of choosing to cooperate with Fibos.

My goal is that one day my customers will be proud of choosing to use Fibos products.

My goal is that one day my employees will be proud of choosing to work at Fibos.

"Three Positive" Beliefs

- ◆ Positive Mind - Maintain a positive attitude and be realistic.
- ◆ Positive Thought - All employees practice loyal qualities.
- ◆ Positive Action - Possess good morals, be the best version of yourself in the present, and move towards the right direction.

"Three Truths" Inspection

- ◆ Truthful - Be sincere in dealing with people and tell the truth.
- ◆ Realistic - Do things that are practical and realistic, without deception. It is a guarantee for a person to stand and for business success.
- ◆ Authentic - Put in the effort and work hard without excuses. Regardless of the outcome, you can face it calmly and accept it.

Fibos Measurement Technology (Changzhou) Co., Ltd. is a professional high-tech company committed to the research and development of force sensors, the sale of sensor solutions, and the technical support for a one-stop service. After years of understanding and recognition of sensors and automation control systems, the company's sensor control system department has a highly professional team to provide perfect pre-sales and after-sales services to domestic and foreign customers!

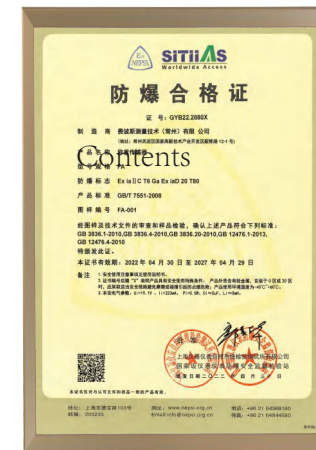
The main products are micro force sensors, micro tension and compression force sensors, micro pressure sensors, small pressure sensors, micro weighing sensors, small weighing sensors, small force sensors, small size force sensors, small volume tension sensors, and intelligent sensors, which are equipped with display and control instruments, as well as undertake pressure and weighing automatic control systems that match them.

"Winning customer word-of-mouth, continuous cooperation and development" has always been our pursuit. Fibos Measurement Technology (Changzhou) Co., Ltd. is willing to work hand in hand with you for common development using our rich experience, superb technology, high-quality products, highly competitive prices, and sincere services."

★ Fibos has always been committed to improving product functionality. In order to provide better products, the modified product specifications, appearance, and other contents will not be separately notified. Please confirm the latest content when placing an order.



Enterprise Qualification



Contents



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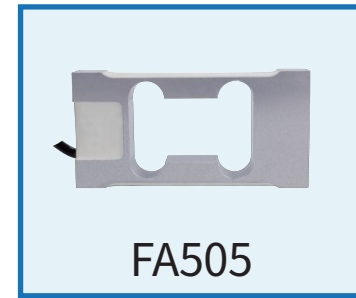
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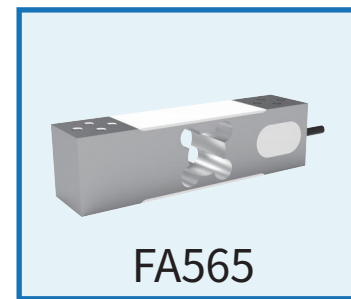
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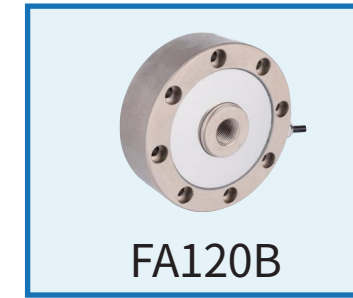
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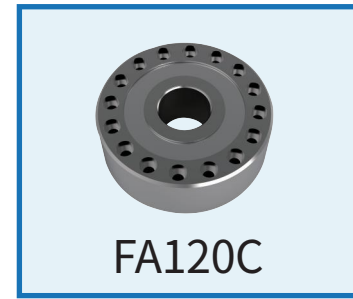
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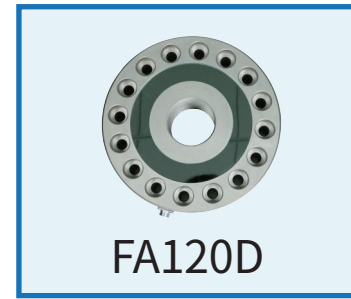
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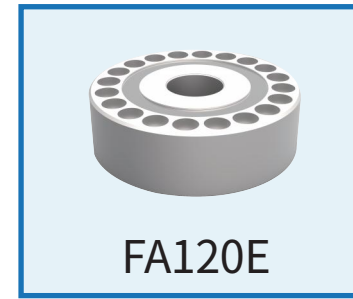
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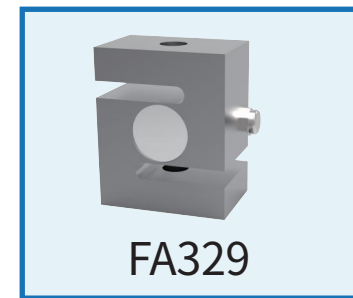
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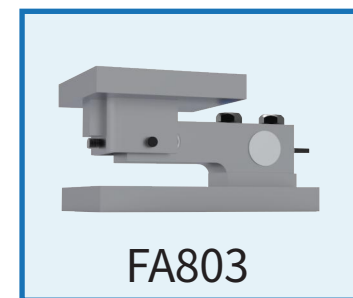
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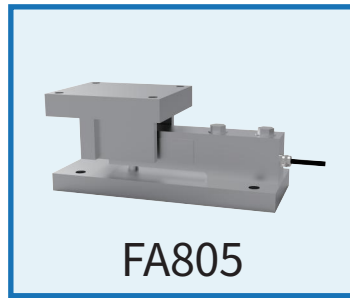
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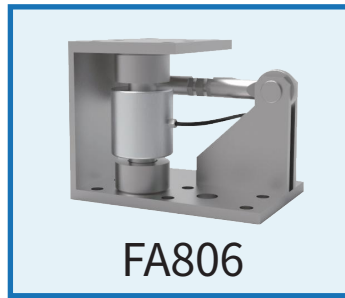
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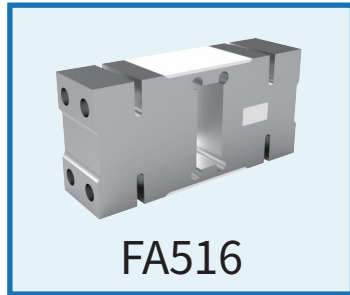
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Customization
of Non-Standard
Products

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Weighing Sensor

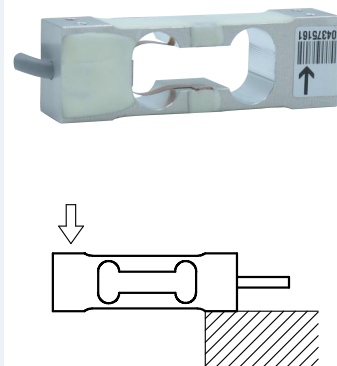
Our company independently produces weighing sensors using the principle of resistance strain, with a reasonable and diverse structure, high accuracy level, simple installation, and can completely replace imported weighing sensors. Moreover, it has a high service life and safety, and a fast response frequency.

(The products shown in this catalog are part of our main products, and we also support diverse non-standard customization.)

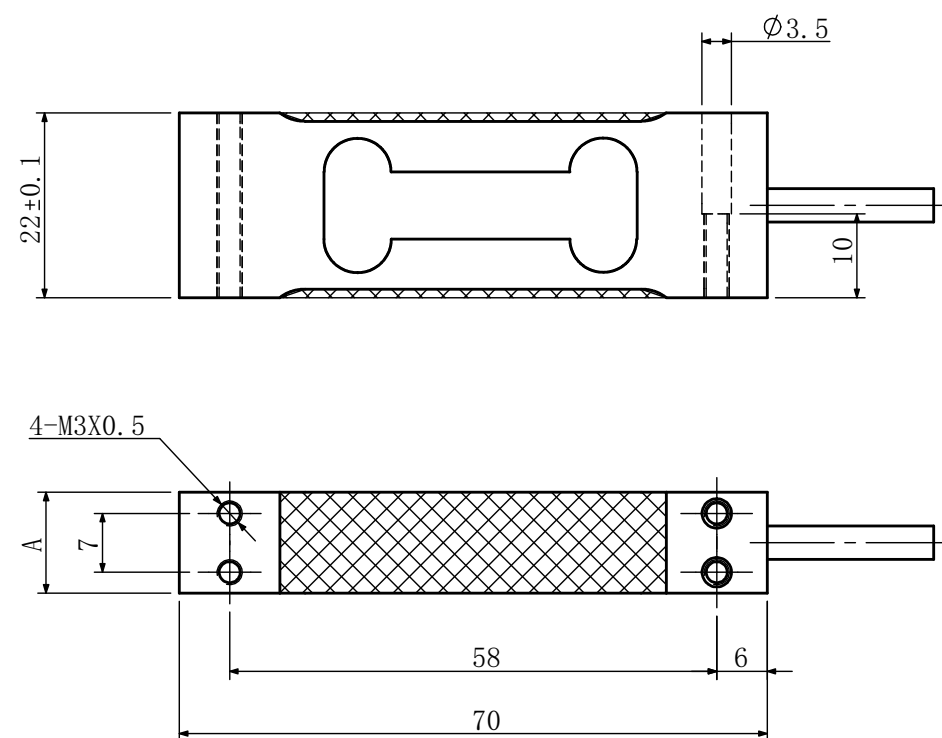
Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	0.3,0.5,1,2,3,5,10kg	Temp. effect on zero	0.003%F.S./10°C
Sensitivity	1.0±10% mV/V (0.3,0.5kg) 2.0±10% mV/V (1~10kg)	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±0.02mV/V	Recommended Excitation	5~12VDC
Creep	0.02%F.S.	Max Excitation	15VDC
Non-linearity	0.02%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.02%F.S.	Operating Temp Range	-20~60°C
Repeatability	0.02%F.S.	Safe Overload	150%F.S.
Input Impedance	410±15 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5 Ω	Cable Size	$\phi 3 \times 0.3 \text{m}$
Temp. effect on output	0.002%F.S./10°C	Weight	0.1kg
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		
		Material	Aluminium alloy

FA501



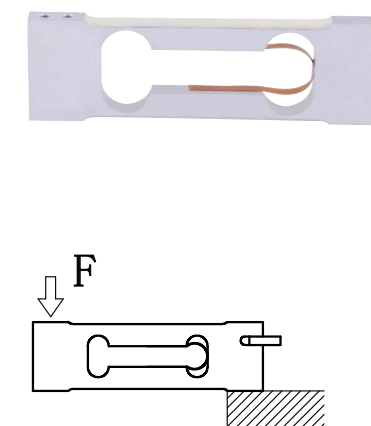
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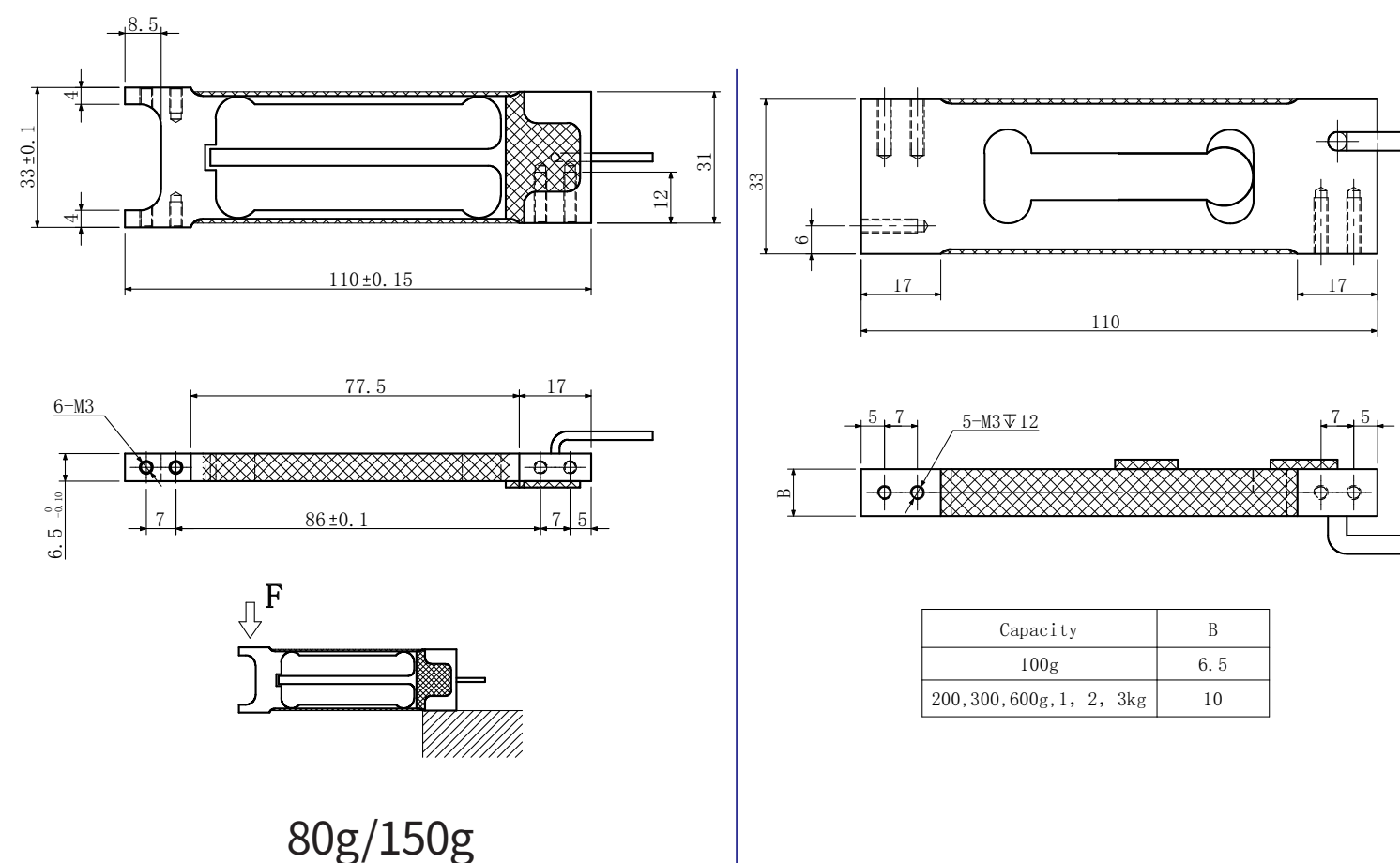
Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	80,150,200,300,600g, 1,2,3kg	Insulation Resistance	≥5000M Ω /100V(DC)
Sensitivity	0.8±15% mV/V 2.0±20% mV/V	Recommended Excitation	5~12VDC
Zero Balance	±0.02mV/V	Max Excitation	15VDC
Creep	0.02%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.02%F.S.	Operating Temp Range	-20~60°C
Hysteresis	0.02%F.S.	Safe Overload	150%F.S.
Repeatability	0.02%F.S.	Ultimate Overload	200%F.S.
Input Impedance	410±15 Ω	Cable Size	$\phi 3 \times 0.25 \text{m}$
Output Impedance	350±5 Ω	Weight	0.1kg
Temp. effect on output	0.02%F.S./10°C	Material	Aluminium alloy
Temp. effect on zero	0.03%F.S./10°C	Maximum size of the scale	100mmX100mm
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		
		Maximum size of the scale(80g)	40mmX40mm

FA502



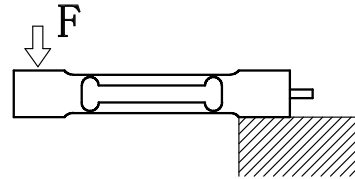
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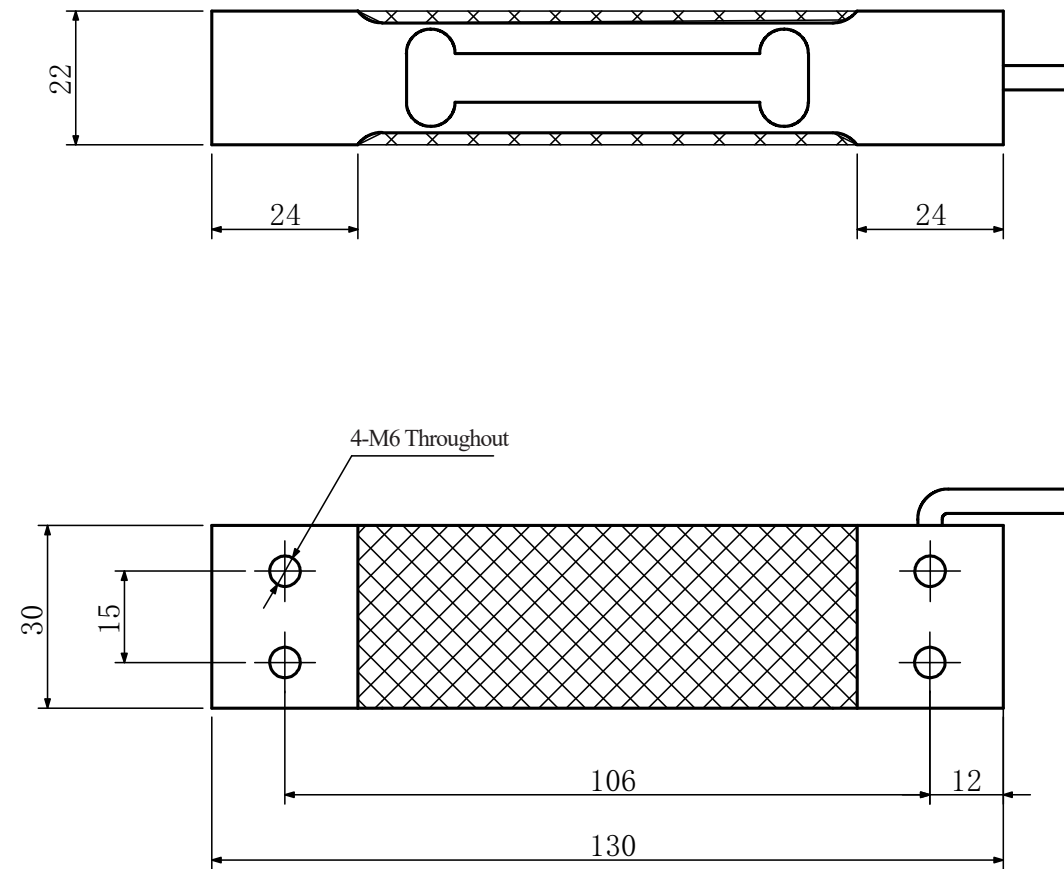
Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	3,6,10,20,30,40,50kg	Insulation Resistance	$\geq 5000\text{M}\Omega/50\text{V(DC)}$
Sensitivity	$2.0 \pm 10\% \text{mV/V}$	Recommended Excitation	5~12V
Zero Balance	$\pm 0.02 \text{mV/V}$	Max Excitation	15V
Creep	0.017%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.017%F.S.	Operating Temp Range	-20~60°C
Hysteresis	0.017%F.S.	Safe Overload	150%F.S.
Repeatability	0.017%F.S.	Ultimate Overload	200%F.S.
Input Impedance	$410 \pm 15\Omega$	Cable Size	$\phi 4 \times 0.5 \text{m}$
Output Impedance	$350 \pm 5\Omega$	Weight	0.15kg
Temp. effect on output	0.02%F.S./10°C	Material	Aluminium alloy
Temp. effect on zero	0.02%F.S./10°C	Maximum size of the scale	300mmx300mm
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

FA504



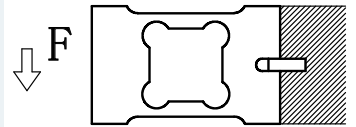
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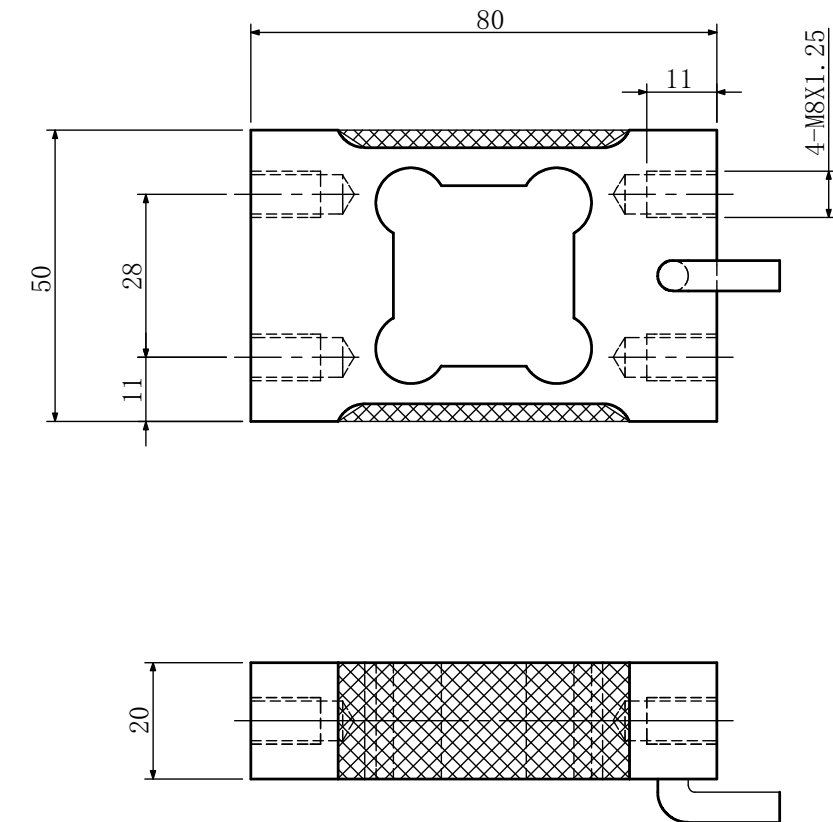
Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	3,5,7.5,15,20,30,50,75,100,150,200kg	Insulation Resistance	$\geq 5000\text{M}\Omega/100\text{V(DC)}$
Sensitivity	$2.0 \pm 10\% \text{mV/V}$	Recommended Excitation	5~15V
Zero Balance	$\pm 0.02 \text{mV/V}$	Max Excitation	20V
Creep	0.02%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.02%F.S.	Operating Temp Range	-20~60°C
Hysteresis	0.02%F.S.	Safe Overload	150%F.S.
Repeatability	0.02%F.S.	Ultimate Overload	200%F.S.
Input Impedance	$410 \pm 15\Omega$	Cable Size	$\phi 4 \times 0.16 \text{m}$
Output Impedance	$350 \pm 5\Omega$	Weight	0.2kg
Temp. effect on output	0.02%F.S./10°C	Material	Aluminium alloy
Temp. effect on zero	0.03%F.S./10°C	Maximum size of the scale	600mmx500mm
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

FA505



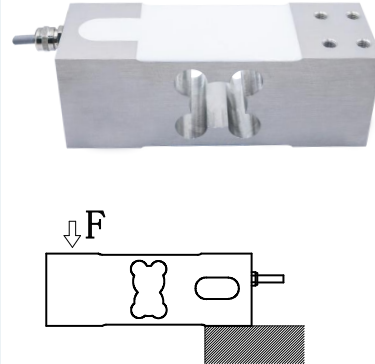
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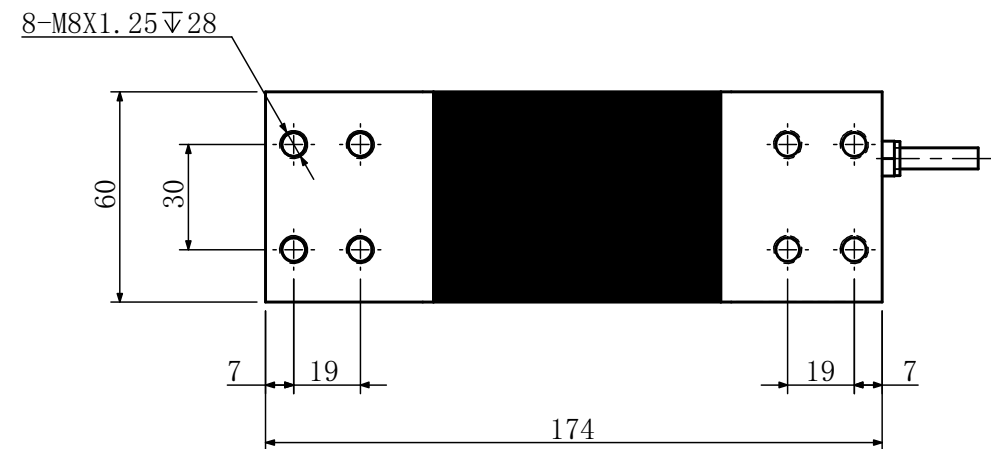
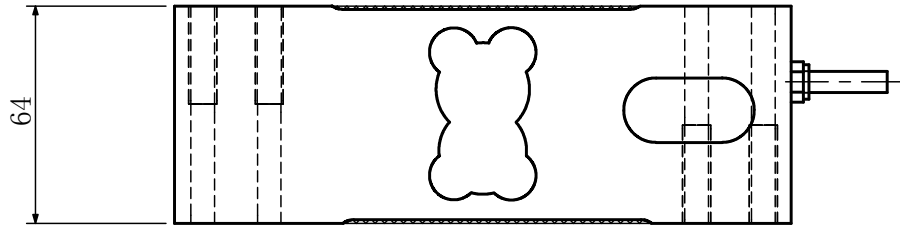
FA506

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	60~1200kg	Temp. effect on zero	0.03%F.S./10°C
Accuracy	C3	Insulation Resistance	≥5000MΩ/50V(DC)
Sensitivity	2.0±5‰mV/V	Recommended Excitation	5~12V
Zero Balance	±0.02mV/V	Max Excitation	15V
Creep	0.017%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.017%F.S.	Operating Temp Range	-20~60°C
Hysteresis	0.017%F.S.	Safe Overload	150%F.S.
Repeatability	0.017%F.S.	Ultimate Overload	200%F.S.
Input Impedance	410±15Ω	Cable Size	φ5x2m
Output Impedance	350±5Ω	Weight	0.6kg
Temp. effect on output	0.02%F.S./10°C	Material	Aluminium alloy
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



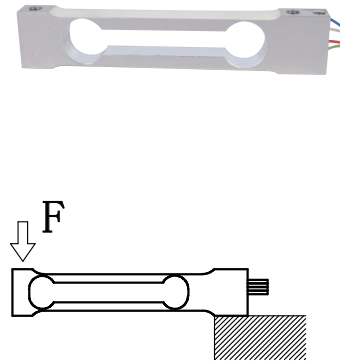
• Mounting Dimensions



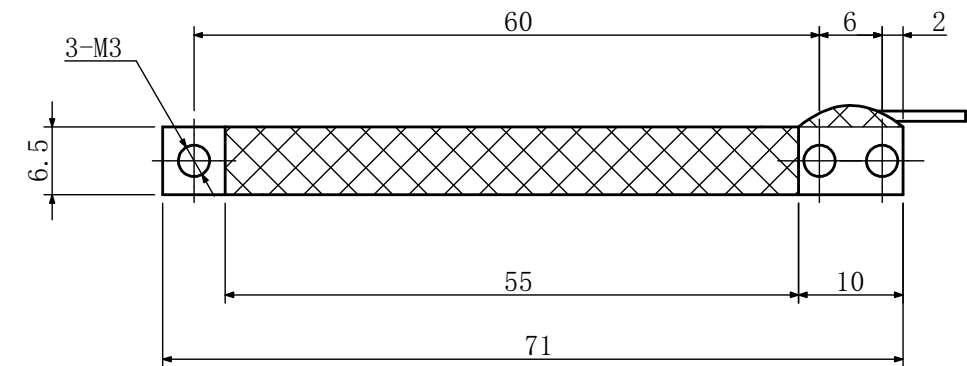
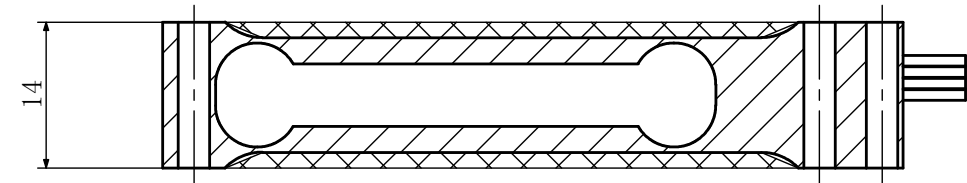
FA507

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	100,200g	Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	0.9±0.1‰mV/V	Recommended Excitation	5~12V
Zero Balance	±0.05mV/V	Max Excitation	15V
Creep	0.0166%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.015%F.S.	Operating Temp Range	-10~50°C
Hysteresis	0.015%F.S.	Safe Overload	150%F.S.
Repeatability	0.015%F.S.	Ultimate Overload	200%F.S.
Input Impedance	405±20Ω	Cable Size	4-φ1x100mm
Output Impedance	350±10Ω	Weight	0.1kg
Temp. effect on output	0.02%F.S./10°C	Material	Aluminium alloy
Temp. effect on zero	0.03%F.S./10°C	Maximum size of the scale	50mmx50mm
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



• Mounting Dimensions

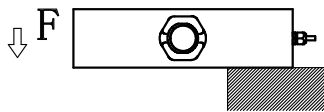




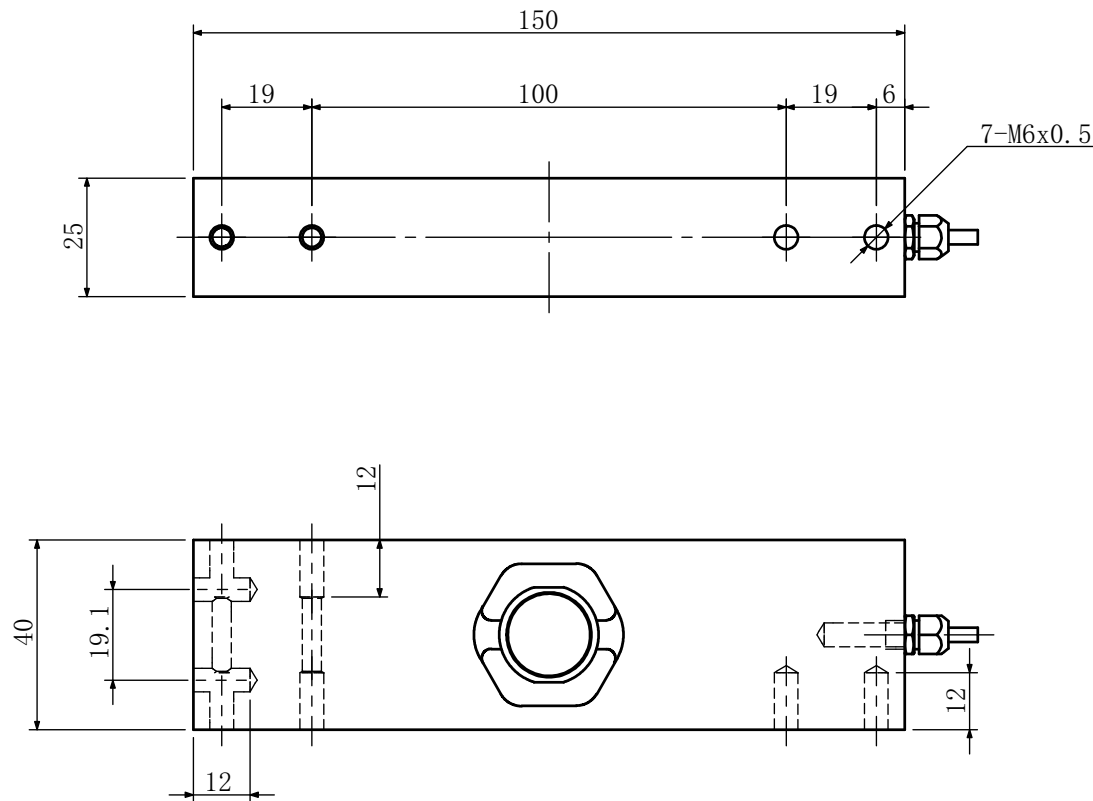
FA508

Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	10,20,50,100kg	Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	2.0±10% μ V/V	Recommended Excitation	5V
Zero Balance	±0.05mV/V	Max Excitation	12V
Creep	0.0166%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.0166%F.S.	Operating Temp Range	-10~50°C
Hysteresis	0.0166%F.S.	Safe Overload	150%F.S.
Repeatability	0.018%F.S.	Ultimate Overload	200%F.S.
Input Impedance	380±15Ω	Cable Size	φ5.4x3000mm
Output Impedance	350±10Ω	Weight	0.5kg
Temp. effect on output	0.0175%F.S./10°C	Material	Stainless Steel
Temp. effect on zero	0.0125%F.S./10°C	Maximum size of the scale	500mmx400mm
Wiring	Blue: EXC+, White: SIG+, Green: SEN+, Yellow: Shielding wire, Black: EXC-, Red: SIG-, Grey: SEN-		



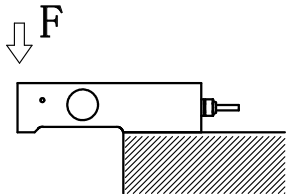
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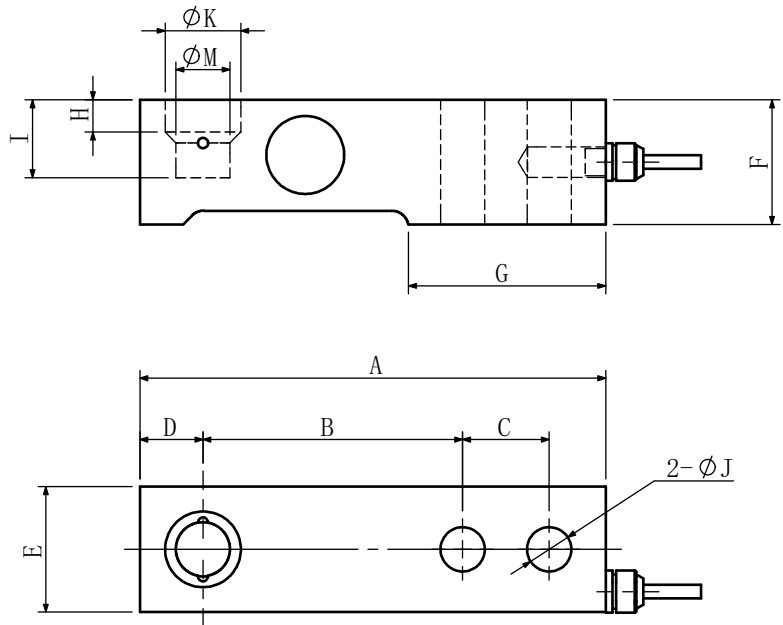
FA509

Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	0.22,0.55,1.1,1.76, 2.2,4.4t	Temp. effect on zero	0.012%F.S./10°C
Sensitivity	1.94±0.1% μ V/V	Insulation Resistance	≥5000MΩ/100V(DC)
Zero Balance	±2% μ V/V	Recommended Excitation	5~12V
Creep	0.0166%F.S.	Max Excitation	15V
Non-linearity	0.017%F.S.	Compensated Temp Range	-10~60°C
Hysteresis	0.017%F.S.	Operating Temp Range	-20~80°C
Repeatability	0.017%F.S.	Safe Overload	150%F.S.
Input Impedance	380±15Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5Ω	Cable Size	φ5.4x1.5m
Temp. effect on output	0.014%F.S./10°C	Material	Stainless Steel
Wiring	Blue: EXC+, White: SIG+, Green: SEN+, Yellow: Shielding wire, Black: EXC-, Red: SIG-, Grey: SEN-		



Mounting Dimensions

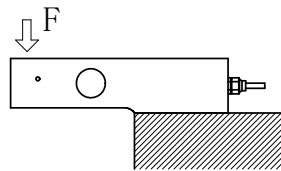


Cap (t)	A	B	C	D	E	F	G	H	I	J	K	M
0.11~1.76	133.4	76.2	25.4	15.4	30.7	30.2	57.7	4.8	17.3	13	20.2	15.9
2.2	136.7	76.2	25.4	18.4	36.8	36.6	57.9	9.5	22.9	13	22.2	15.9
4.4	171.5	95.3	38.1	21.4	42.9	42.9	73.8	10.8	29.3	19.3	34.9	22.2

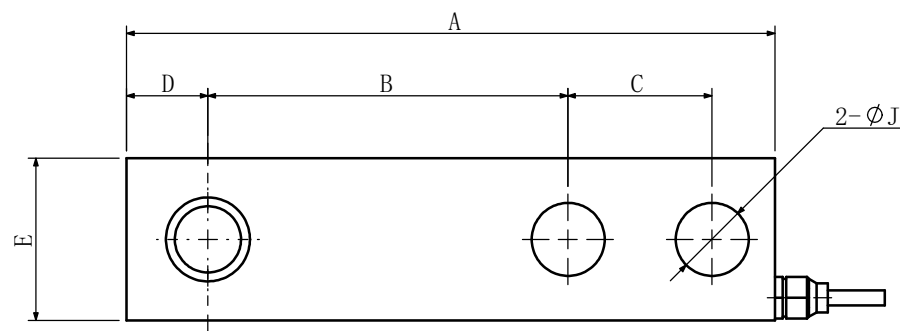
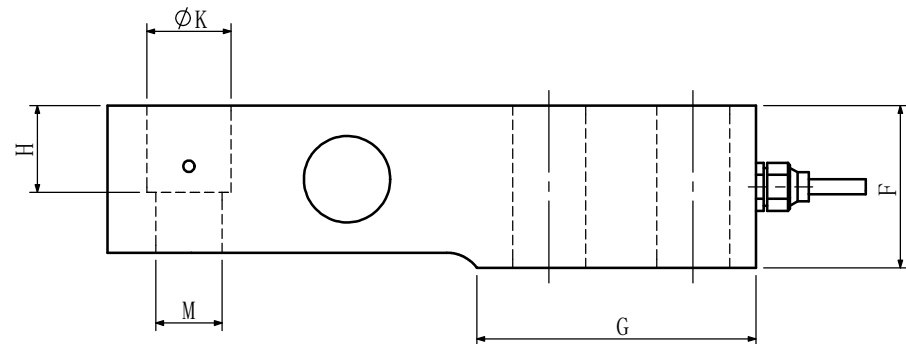
FA509B

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	0.22,0.55,1.1,1.76, 2.2,4.4t	Temp. effect on zero	0.012%F.S./10°C
Sensitivity	1.94±0.1% mV/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±2% mV/V	Recommended Excitation	5~12V
Creep	0.0166%F.S.	Max Excitation	15V
Non-linearity	0.017%F.S.	Compensated Temp Range	-10~60°C
Hysteresis	0.017%F.S.	Operating Temp Range	-20~80°C
Repeatability	0.017%F.S.	Safe Overload	150%F.S.
Input Impedance	380±15 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5 Ω	Cable Size	ϕ 5.4x1500mm
Temp. effect on output	0.014%F.S./10°C	Material	Stainless Steel
Wiring	Blue: EXC+, White: SIG+,Green: SEN+, Yellow: Shielding wire, Black: EXC-,Red: SIG-, Grey: SEN-		



• Mounting Dimensions

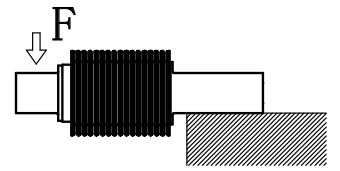


Cap (t)	A	B	C	D	E	F	G	H	J	K	M
0.22~1.76	133.4	76.2	25.4	15.4	30.7	30.2	57.7	14.2	13	20.6	M12
2.2	136.7	76.2	25.4	18.4	36.8	36.6	55.6	16.6	13	12.5	M12
4.4	171.5	95.3	38.1	21.4	42.9	42.9	73.8	22.9	20.5	22.2	M20

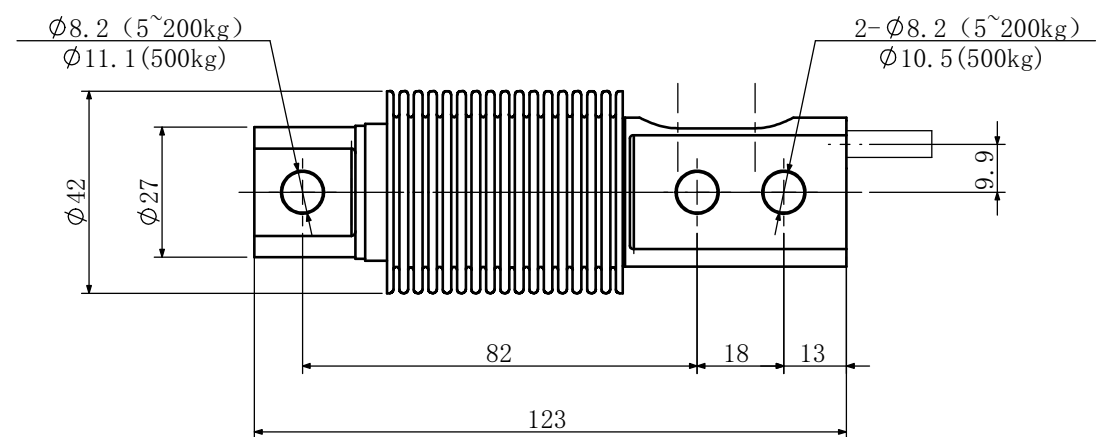
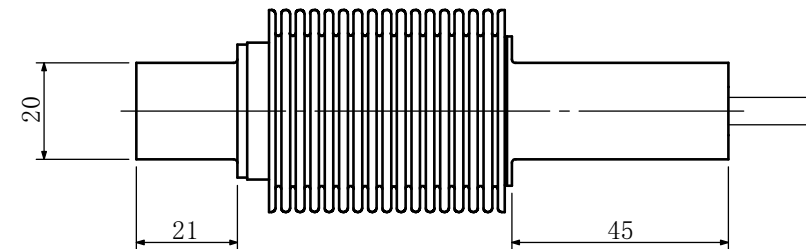
FA510

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	5,10,20,50,100,200, 500kg	Temp. effect on zero	0.0125%F.S./10°C
Sensitivity	2.0±0.05% mV/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±0.02 mV/V	Recommended Excitation	5~15V
Creep	0.0166%F.S.	Max Excitation	20V
Non-linearity	0.018%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.017%F.S.	Operating Temp Range	-30~70°C
Repeatability	0.018%F.S.	Safe Overload	150%F.S.
Input Impedance	400±10 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5 Ω	Cable Size	ϕ 5.4x3000mm
Temp. effect on output	0.008%F.S./10°C	Weight	0.5kg
Wiring	Blue: EXC+, White: SIG+,Green: SEN+, Yellow: Shielding wire, Black: EXC-,Red: SIG-, Grey: SEN-		

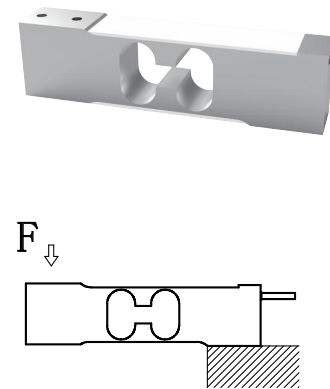


• Mounting Dimensions

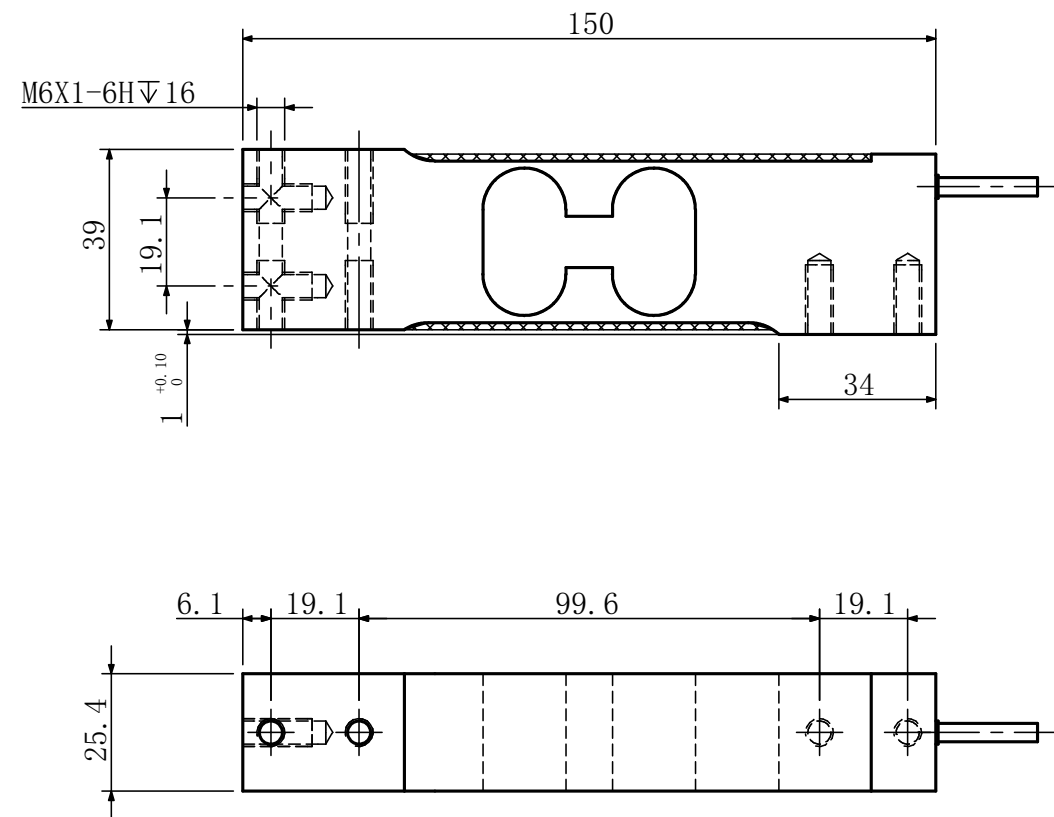


- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	1,3,5,7,10,15,20,30,50, 75,100,150,200kg	Temp. effect on zero	0.02%F.S./10°C
		Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	2.0±10% μ V/V	Recommended Excitation	5~12V
Zero Balance	±2% μ V/V	Max Excitation	15V
Creep	0.01%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.0175%F.S.	Operating Temp Range	-10~50°C
Hysteresis	0.0175%F.S.	Safe Overload	150%F.S.
Repeatability	0.0166%F.S.	Ultimate Overload	200%F.S.
Input Impedance	300~500Ω	Cable Size	3m
Output Impedance	300~500Ω	Material	Aluminium alloy
Temp. effect on output	0.02%F.S./10°C		
Wiring	Blue: EXC+, White: SIG+,Green: SEN+, Yellow: Shielding wire, Black: EXC-,Red: SIG-, Grey: SEN-		

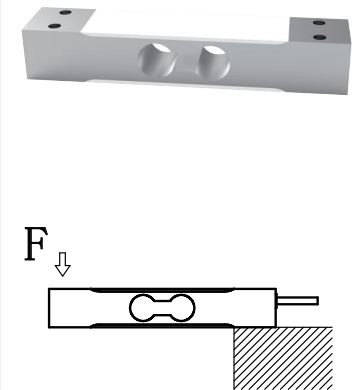


- Mounting Dimensions

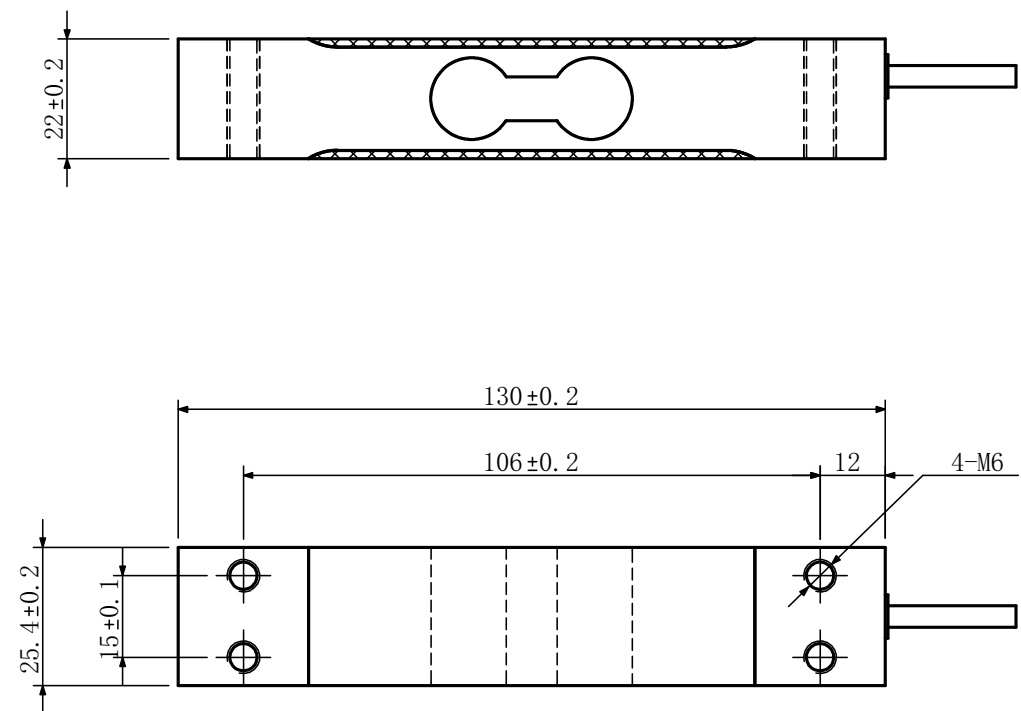


- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	3,5,10,15,20,30, 40kg	Temp. effect on zero	0.02%/F.S./10°C
		Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	2.0±10% μ mV/V	Recommended Excitation	5~12V
Zero Balance	±1% μ mV/V	Max Excitation	15V
Creep	0.016%/F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.0175%/F.S.	Operating Temp Range	-10~50°C
Hysteresis	0.0175%/F.S.	Safe Overload	150%/F.S.
Repeatability	0.0166%/F.S.	Ultimate Overload	200%/F.S.
Input Impedance	380±38Ω	Cable Size	3m
Output Impedance	380±38Ω	Material	Aluminium alloy
Temp. effect on output	0.02%/F.S./10°C		
Wiring	Blue: EXC+, White: SIG+,Green: SEN+, Yellow: Shielding wire, Black: EXC-,Red: SIG-, Grey: SEN-		



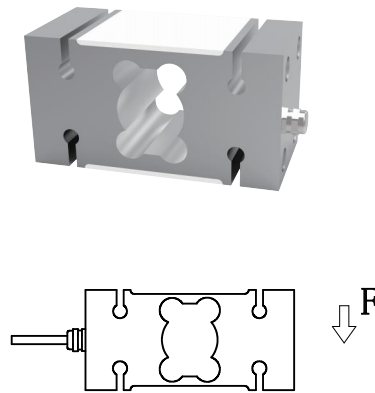
- Mounting Dimensions



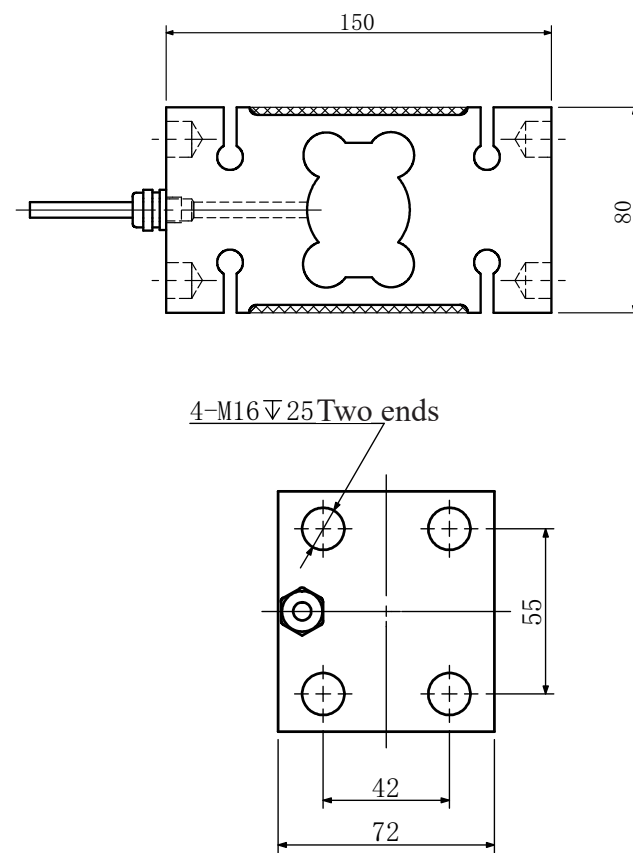
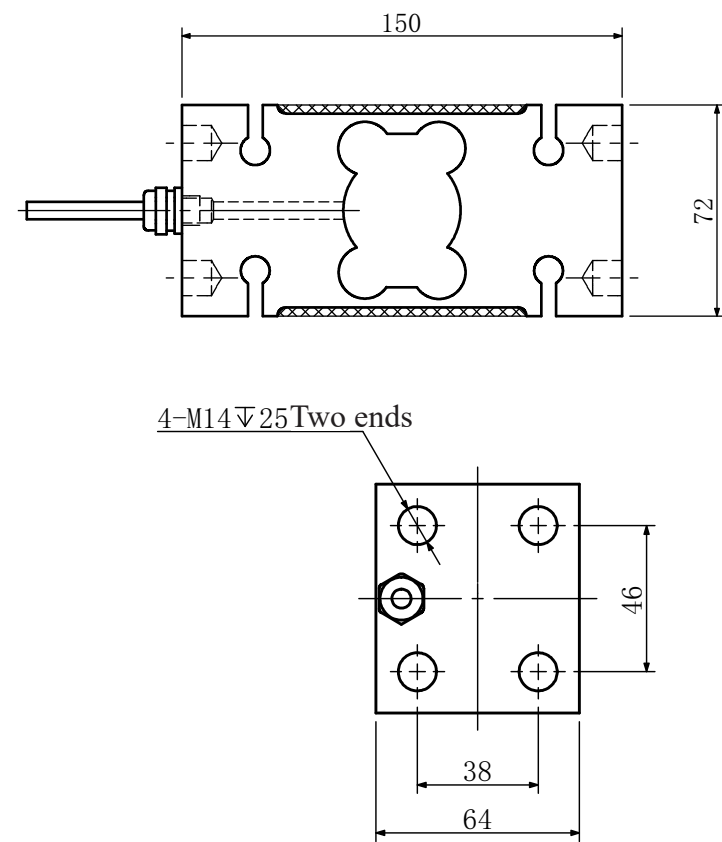
FA514

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	150,250,500,1000kg	Temp. effect on zero	0.02%F.S./10°C
Sensitivity	2.0±1% mV/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±1% mV/V	Recommended Excitation	5~12V
Creep	0.02%F.S.	Max Excitation	15V
Non-linearity	0.02%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.02%F.S.	Operating Temp Range	-20~65°C
Repeatability	0.01%F.S.	Safe Overload	150%F.S.
Input Impedance	380±15 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±1 Ω	Cable Size	3m
Temp. effect on output	0.02%F.S./10°C	Material	Alloy steel
Wiring	Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-		



• Mounting Dimensions

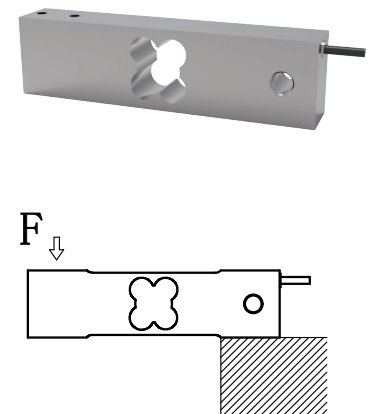


2000kg

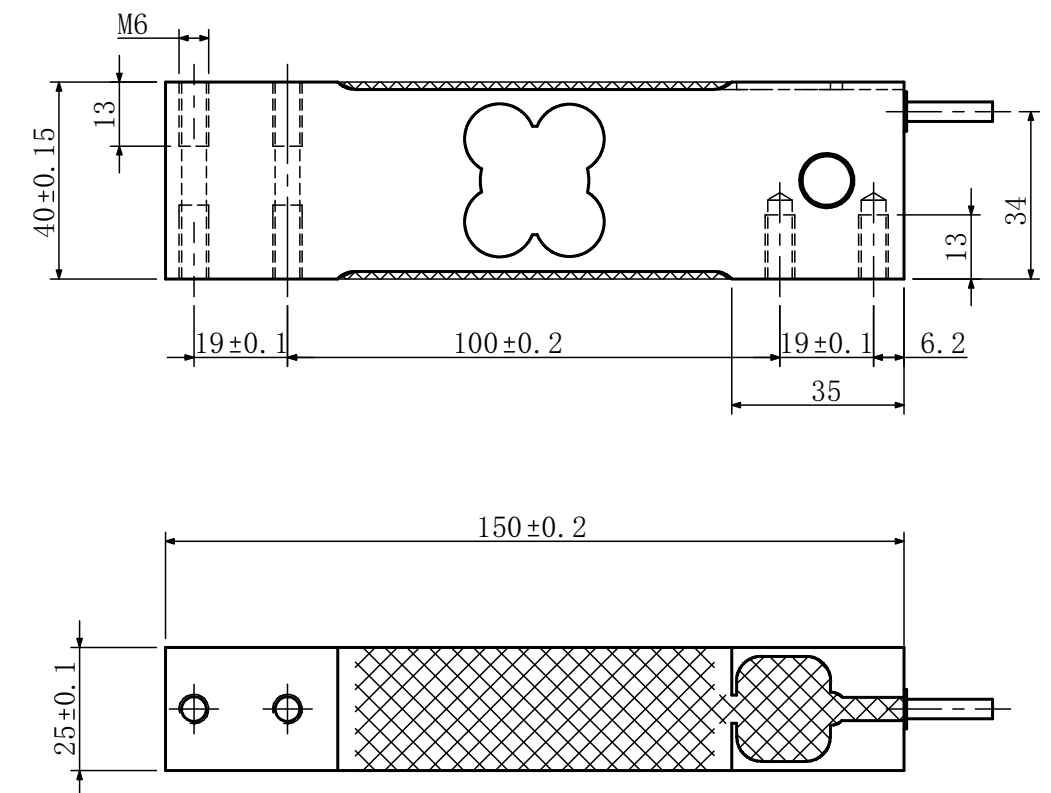
FA515

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	7.5,15,20,30,50,75,100,150,200kg	Temp. effect on zero	0.02%F.S./10°C
Sensitivity	2.0±10% mV/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±1% mV/V	Recommended Excitation	5~12V
Creep	0.016%F.S.	Max Excitation	15V
Non-linearity	0.0175%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.0175%F.S.	Operating Temp Range	-20~50°C
Repeatability	0.0166%F.S.	Safe Overload	150%F.S.
Input Impedance	380±15 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±10 Ω	Cable Size	3m
Temp. effect on output	0.02%F.S./10°C	Material	Stainless Steel
Wiring	Blue: EXC+, White: SIG+, Green: SEN+, Yellow: Shielding wire, Black: EXC-, Red: SIG-, Grey: SEN-		



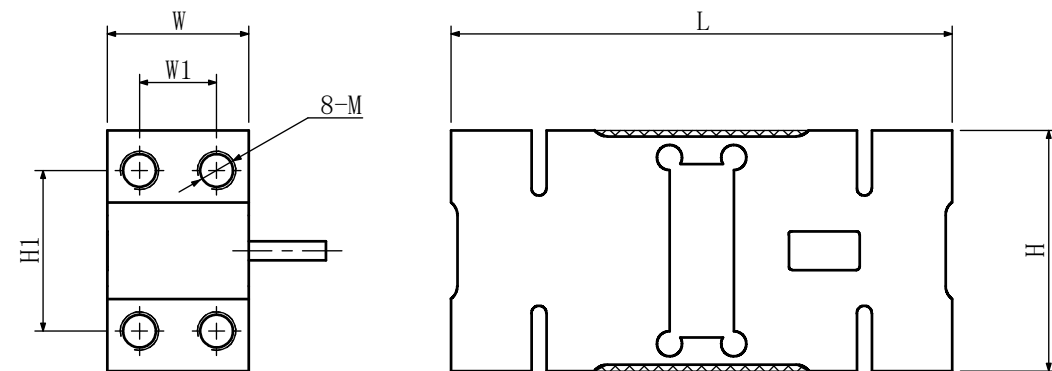
• Mounting Dimensions



- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	50,100,200,250,500, 750,1000,2000kg	Temp. effect on zero	0.03%F.S./10°C
		Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	2.0±5% μ V/V	Recommended Excitation	5~12V
Zero Balance	±2% μ V/V	Max Excitation	15V
Creep	0.02%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.02%F.S.	Operating Temp Range	-20~60°C
Hysteresis	0.02%F.S.	Safe Overload	150%F.S.
Repeatability	0.02%F.S.	Ultimate Overload	200%F.S.
Input Impedance	410±15Ω	Cable Size	3m
Output Impedance	350±5Ω	Material	Aluminium alloy
Temp. effect on output	0.02%F.S./10°C		
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

- Mounting Dimensions

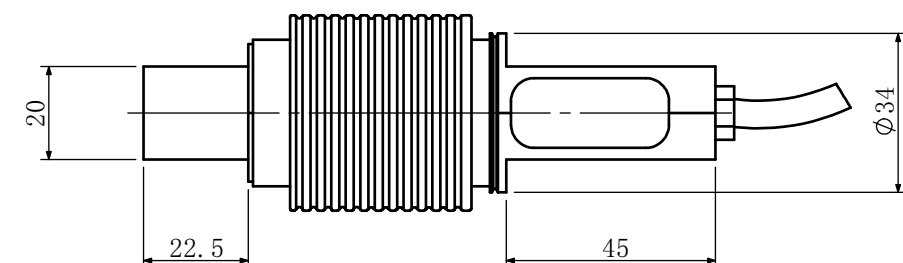
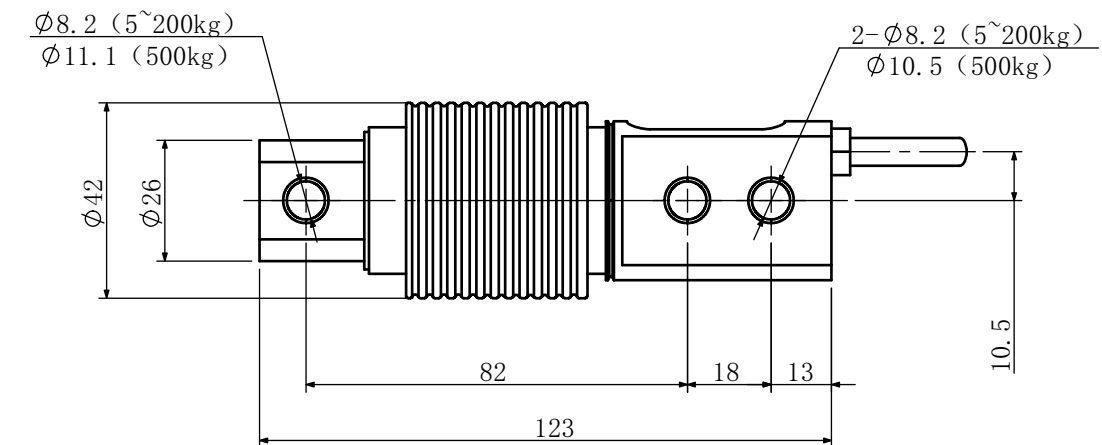


Cap (kg)	L	W	W1	H	H1	M
50-200	156	44	24	75	50	M12X1. 75
250-750	146	60	36	95	70	M12X1. 75
750-2000	176	76	46	125	95	M16X2

- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	5,10,20,50,75,100,200, 300,500kg	Temp. effect on zero	0.012%F.S./10°C
		Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	2.0±0.002mV/V	Recommended Excitation	5~12V
Zero Balance	±1% _m V/V	Max Excitation	15V
Creep	0.0166%F.S.	Compensated Temp Range	-10~40°C
Non-linearity	0.02%F.S.	Operating Temp Range	-20~60°C
Hysteresis	0.02%F.S.	Safe Overload	150%F.S.
Repeatability	0.018%F.S.	Ultimate Overload	200%F.S.
Input Impedance	387±4Ω	Cable Size	φ6x3m
Output Impedance	350±1Ω	Material	Stainless Steel
Temp. effect on output	0.008%F.S./10°C		
Wiring	Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-		

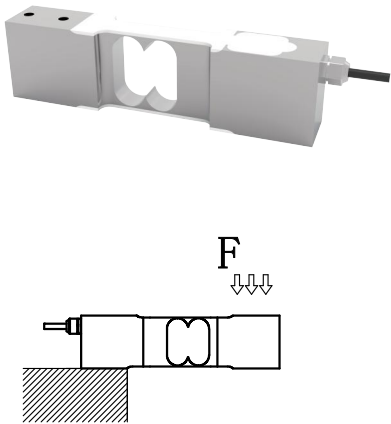
- Mounting Dimensions



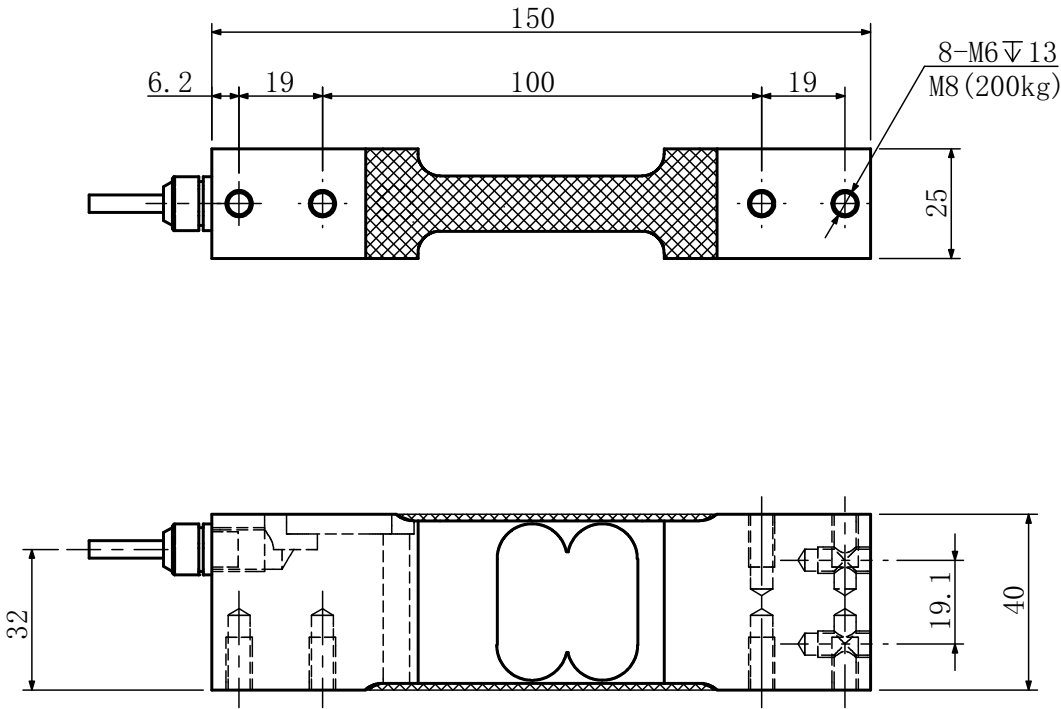
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	3,56,7.5,15,20,30,50,75,100,150,200kg	Temp. effect on zero	0.05%F.S./10°C
Sensitivity	2.0±10% mV/V	Insulation Resistance	≥5000 $M\Omega/100V(DC)$
Zero Balance	±1% mV/V	Recommended Excitation	5~12V
Creep	0.017%F.S.	Max Excitation	15V
Non-linearity	0.017%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.017%F.S.	Operating Temp Range	-20~50°C
Repeatability	0.016%F.S.	Safe Overload	150%F.S.
Input Impedance	380±20 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5 Ω	Cable Size	3m
Temp. effect on output	0.05%F.S./10°C	Material	Stainless Steel Aluminium alloy
Wiring	Blue: EXC+, White: SIG+,Green: SEN+, Yellow: Shielding wire, Black: EXC-,Red: SIG-, Grey: SEN-		

FA546

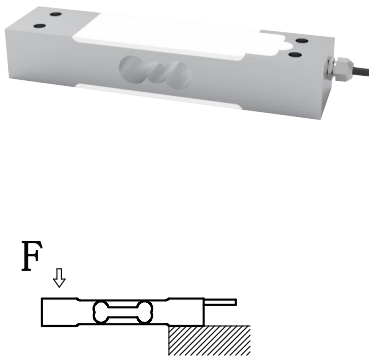


• Mounting Dimensions

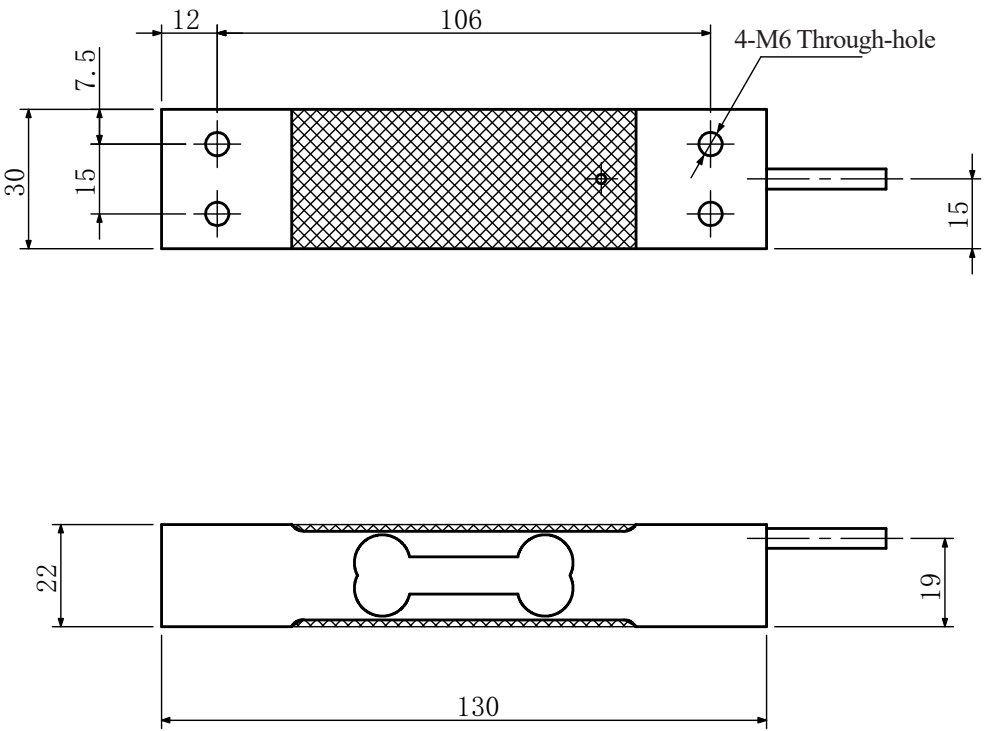


• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	6,10,20,30,40kg	Temp. effect on zero	0.025%F.S./10°C
Sensitivity	2.0±10% mV/V	Insulation Resistance	≥5000 $M\Omega/100V(DC)$
Zero Balance	±2% mV/V	Recommended Excitation	10V
Creep	0.03%F.S.	Max Excitation	15V
Non-linearity	0.02%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.02%F.S.	Operating Temp Range	-20~65°C
Repeatability	0.017%F.S.	Safe Overload	150%F.S.
Input Impedance	387±10 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5 Ω	Cable Size	φ4x3m
Temp. effect on output	0.025%F.S./10°C	Material	Stainless Steel
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



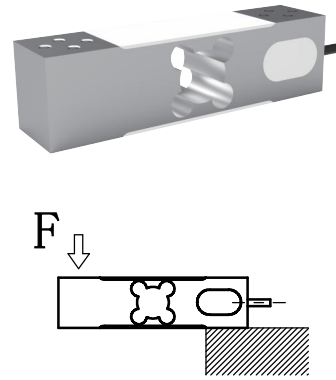
• Mounting Dimensions



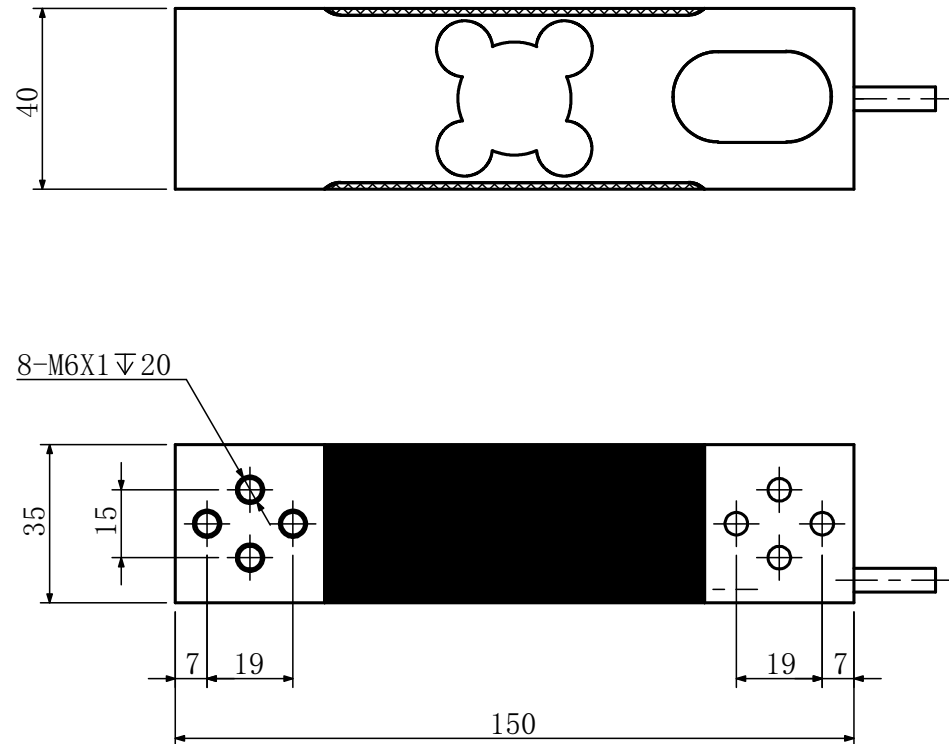
FA565

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	60~500kg	Temp. effect on zero	0.03%F.S./10°C
Sensitivity	2.0±5% mV/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±2% mV/V	Recommended Excitation	5~12V
Creep	0.017%F.S.	Max Excitation	15V
Non-linearity	0.017%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.017%F.S.	Operating Temp Range	-20~60°C
Repeatability	0.017%F.S.	Safe Overload	150%F.S.
Input Impedance	410±15 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5 Ω	Cable Size	$\phi 5 \times 1.5m$
Temp. effect on output	0.02%F.S./10°C	Material	Aluminium alloy
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



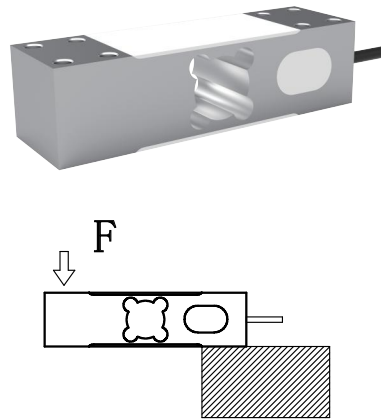
• Mounting Dimensions



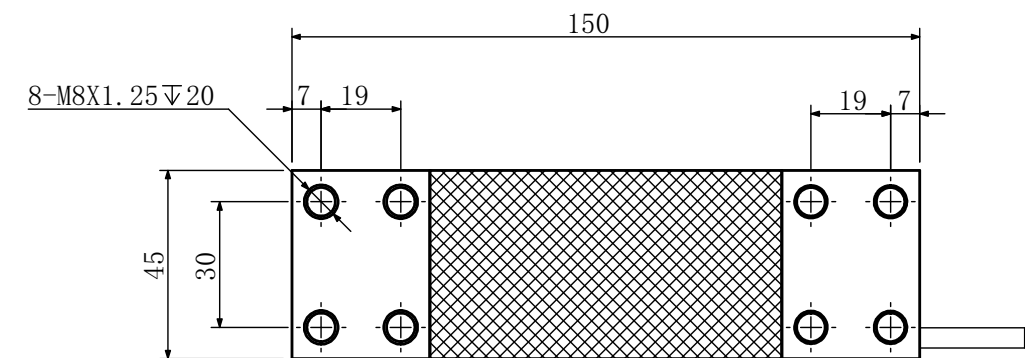
FA566

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	60,100,200,300,500, 800kg	Temp. effect on zero	0.03%F.S./10°C
Sensitivity	2.0±10% mV/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±2% mV/V	Recommended Excitation	5~12V
Creep	0.02%F.S.	Max Excitation	15V
Non-linearity	0.02%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.02%F.S.	Operating Temp Range	-20~60°C
Repeatability	0.02%F.S.	Safe Overload	150%F.S.
Input Impedance	410±15 Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5 Ω	Cable Size	$\phi 5 \times 2m$
Temp. effect on output	0.02%F.S./10°C	Material	Aluminium alloy
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



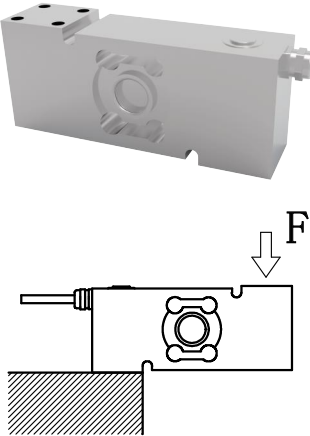
• Mounting Dimensions



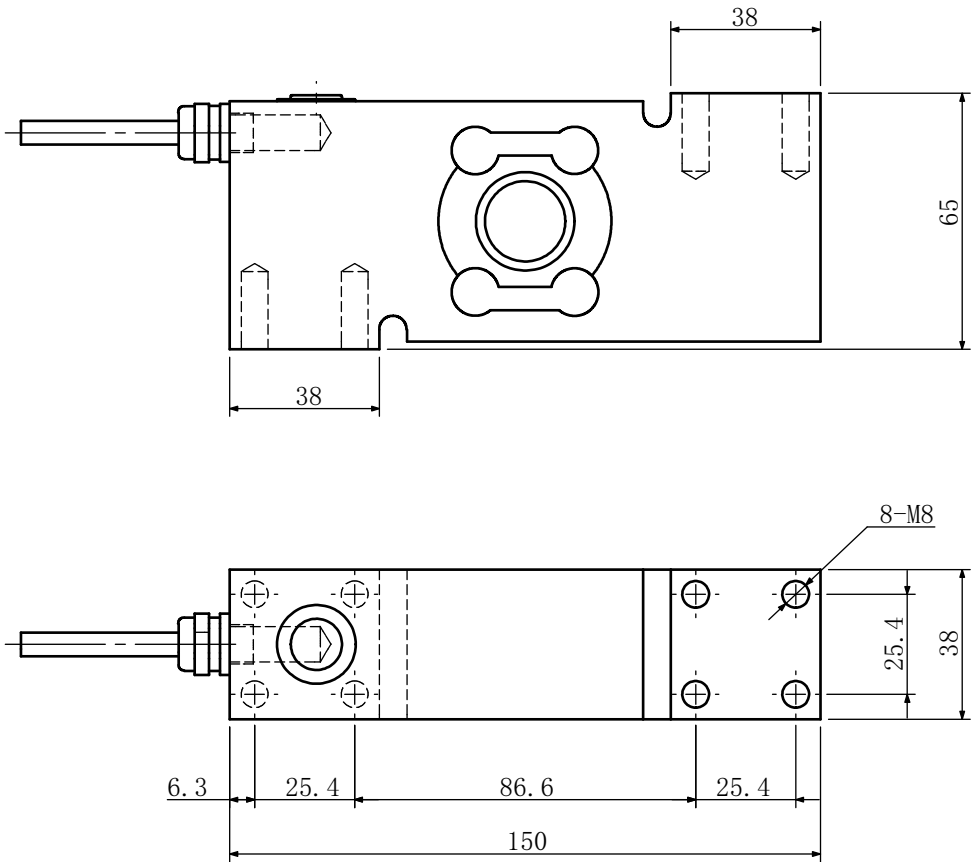
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	50,100,200,300,500kg	Temp. effect on zero	0.02%F.S./10°C
Sensitivity	2.0±1‰mV/V	Insulation Resistance	≥5000MΩ/100V(DC)
Zero Balance	±2‰mV/V	Recommended Excitation	5~12V
Creep	0.01%F.S.	Max Excitation	15V
Non-linearity	0.017%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.017%F.S.	Operating Temp Range	-20~60°C
Repeatability	0.017%F.S.	Safe Overload	150%F.S.
Input Impedance	381±4Ω	Ultimate Overload	200%F.S.
Output Impedance	350±1Ω	Cable Size	3m
Temp. effect on output	0.02%F.S./10°C	Material	Stainless Steel
Wiring	Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-		

FA568



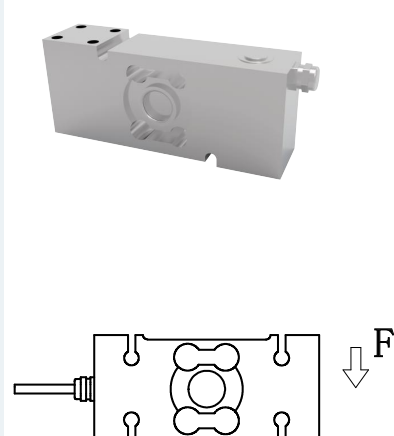
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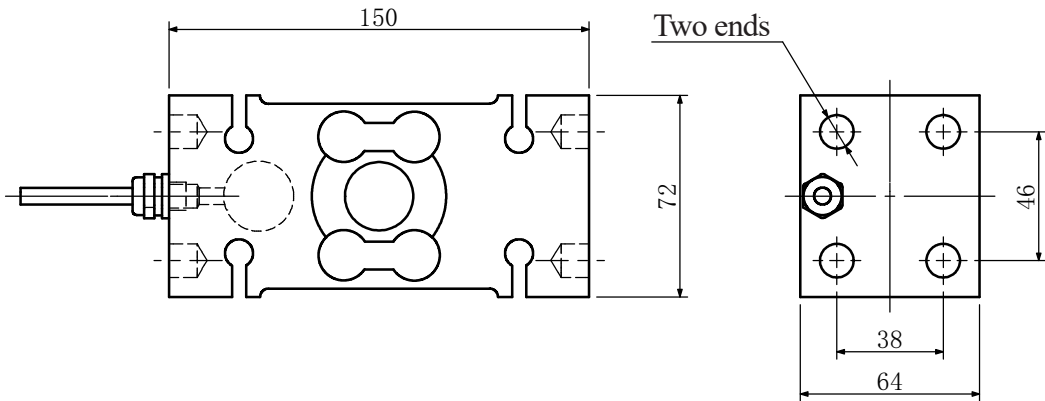
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	1000kg	Temp. effect on zero	0.02%F.S./10°C
Sensitivity	2.0±1‰mV/V	Insulation Resistance	≥5000MΩ/100V(DC)
Zero Balance	±2‰mV/V	Recommended Excitation	5~12V
Creep	0.01%F.S.	Max Excitation	15V
Non-linearity	0.017%F.S.	Compensated Temp Range	-10~60°C
Hysteresis	0.017%F.S.	Operating Temp Range	-20~80°C
Repeatability	0.017%F.S.	Safe Overload	150%F.S.
Input Impedance	381±4Ω	Ultimate Overload	200%F.S.
Output Impedance	350±1Ω	Cable Size	3m
Temp. effect on output	0.02%F.S./10°C	Material	Stainless Steel
Wiring	Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-		

FA568



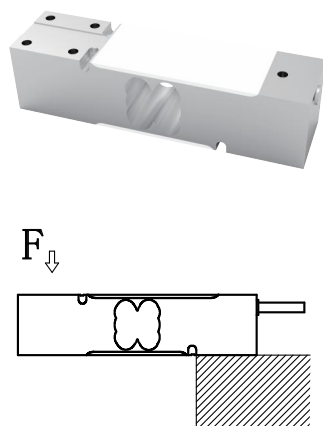
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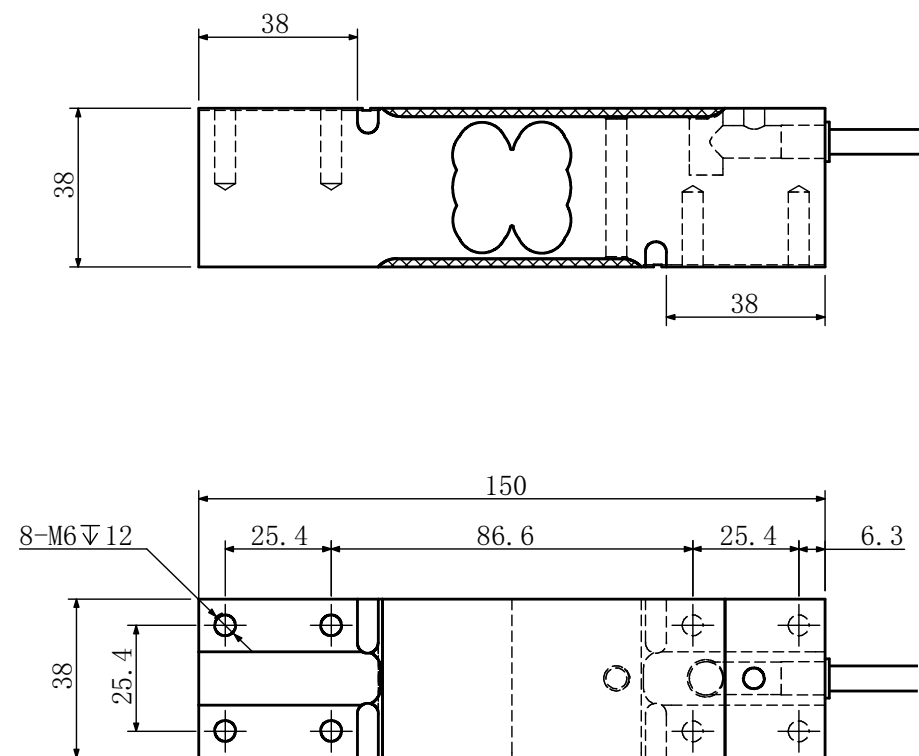
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	8,15,30,50,100,150,200,250,300kg	Temp. effect on zero	0.025%F.S./10°C
Sensitivity	2.0±10% μ V/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±2% μ V/V	Recommended Excitation	5~12V
Creep	0.017%F.S.	Max Excitation	15V
Non-linearity	0.017%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.017%F.S.	Operating Temp Range	-10~50°C
Repeatability	0.017%F.S.	Safe Overload	150%F.S.
Input Impedance	300~500 Ω	Ultimate Overload	200%F.S.
Output Impedance	330~430 Ω	Cable Size	3m
Temp. effect on output	0.025%F.S./10°C	Material	Aluminium alloy
Wiring	Blue: EXC+, White: SIG+, Green: SEN+, Yellow: Shielding wire, Black: EXC-, Red: SIG-, Grey: SEN-		

FA578

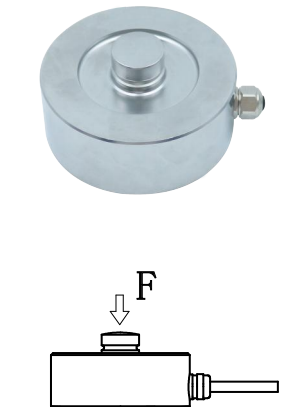


• Mounting Dimensions



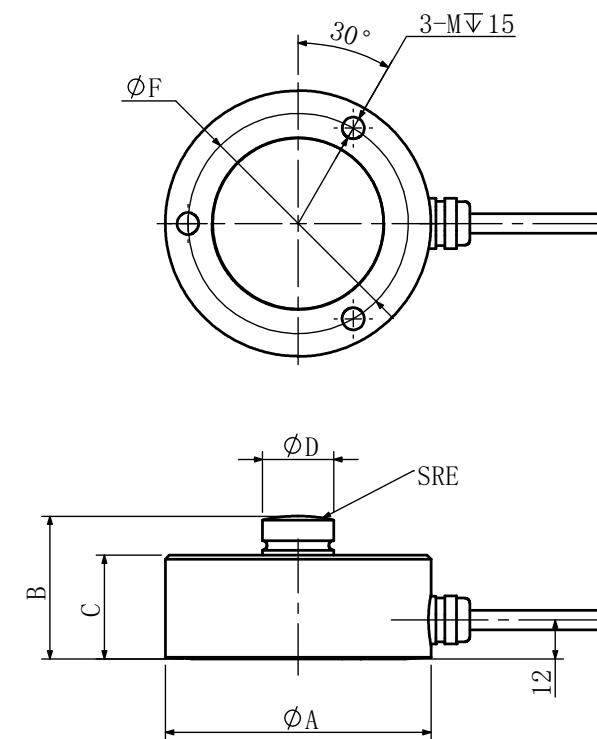
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	5,10,20,30,50,100,150,200,300,500,1000kN	Temp. effect on zero	0.05%F.S./10°C
Sensitivity	1.5±10% μ V/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±2% μ V/V	Recommended Excitation	5~12V
Creep	0.05%F.S.	Max Excitation	15V
Non-linearity	0.05%F.S.	Compensated Temp Range	-10~60°C
Hysteresis	0.05%F.S.	Operating Temp Range	-20~80°C
Repeatability	0.05%F.S.	Safe Overload	150%F.S.
Input Impedance	385/780±20 Ω	Ultimate Overload	200%F.S.
Output Impedance	350/700±10 Ω	Cable Size	3m
Temp. effect on output	0.05%F.S./10°C	Material	Stainless Steel
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



FA119B

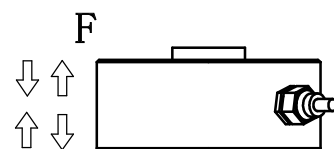
• Mounting Dimensions



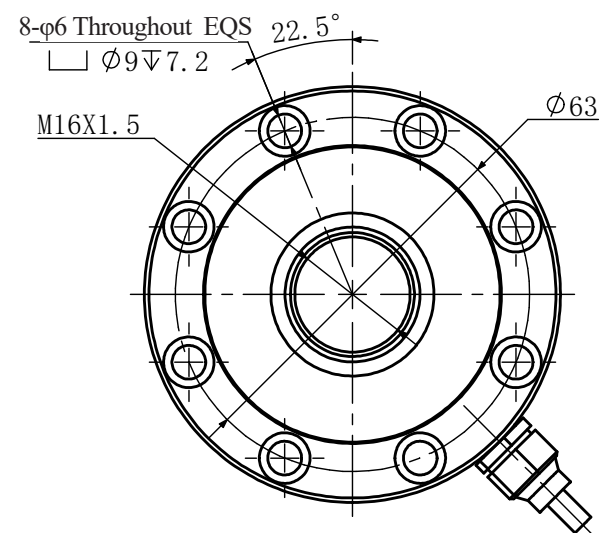
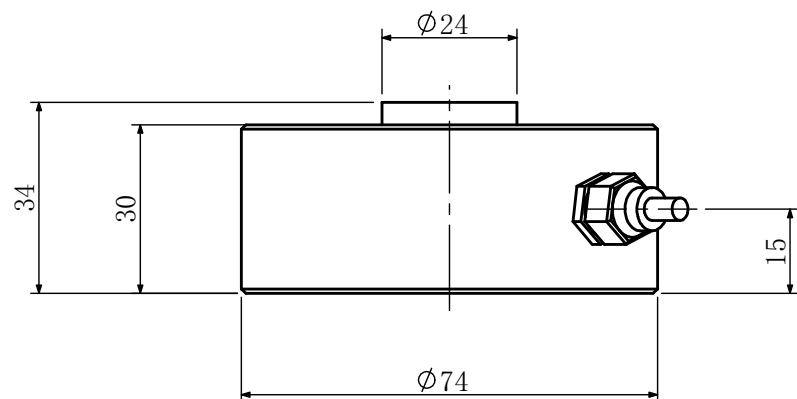
Cap (kN)	A	B	C	D	E	F	M
5, 10, 20, 30, 50, 100	82	44	32	22	50	68	M8
150, 200	100	48	36	28	100	80	M8
300	126	54	40	35	100	101	M10
500, 1000	165	80	62	60	100	150	M10

- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	50,100,200,500kg,1t	Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	2.0±10% μ V/V	Recommended Excitation	10V
Zero Balance	±1% μ V/V	Max Excitation	15V
Creep	0.03%F.S.	Compensated Temp Range	-10~40℃
Non-linearity	0.05%F.S.	Operating Temp Range	-20~70℃
Hysteresis	0.05%F.S.	Safe Overload	150%F.S.
Repeatability	0.03%F.S.	Ultimate Overload	200%F.S.
Input Impedance	780±20Ω	Material	> 50kg=Alloy steel 50kg=Aluminium alloy
Output Impedance	700±10Ω	Cable Size	φ6x5000mm
Temp. effect on output	0.05%F.S./10℃		
Temp. effect on zero	0.05%F.S./10℃		
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

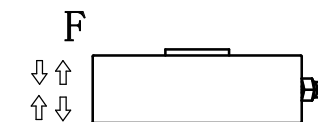
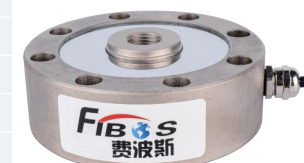


- Mounting Dimensions

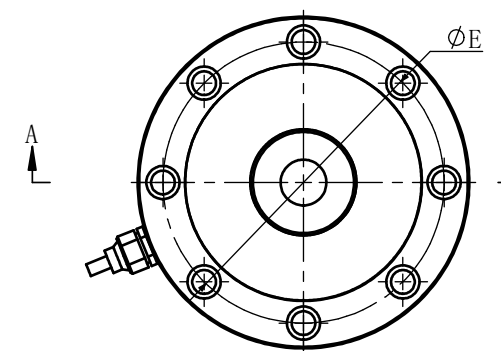
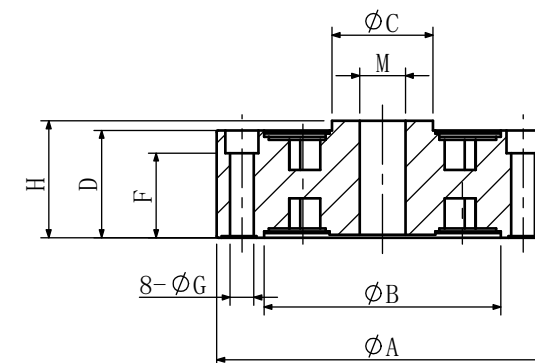


- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	0.1,0.2,1,2,3,5,10,15,20,30t	Temp. effect on output	0.02%F.S./10°C
		Temp. effect on zero	0.02%F.S./10°C
Sensitivity	2.0±1% mV/V	Insulation Resistance	≥5000M Ω /100V(DC)
Zero Balance	±1%F.S.	Recommended Excitation	5~15V
Creep	0.05%F.S.	Max Excitation	20V
Non-linearity	0.05%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.05%F.S.	Operating Temp Range	-20~70°C
Repeatability	0.03%F.S.	Safe Overload	150%F.S.
Input Impedance	780±20 Ω	Ultimate Overload	200%F.S.
Output Impedance	700±10 Ω	Cable Size	φ6x5000mm
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



- Mounting Dimensions

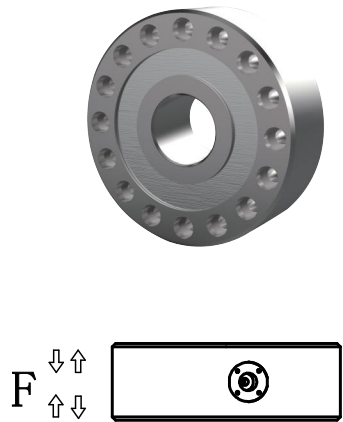


Cap (t)	A	B	C	D	E	F	G	H	M
0.1, 0.2, 1, 2, 3, 5	105	75	32	34	89	26.8	7.5	37	M16*1.5
10, 15, 20	120.6	83	39	41	101.8	30.5	8.5	53.5	M32*1.5
30	141	96.9	50.4	50.8	116.8	39.8	11	57.2	M40*1.5

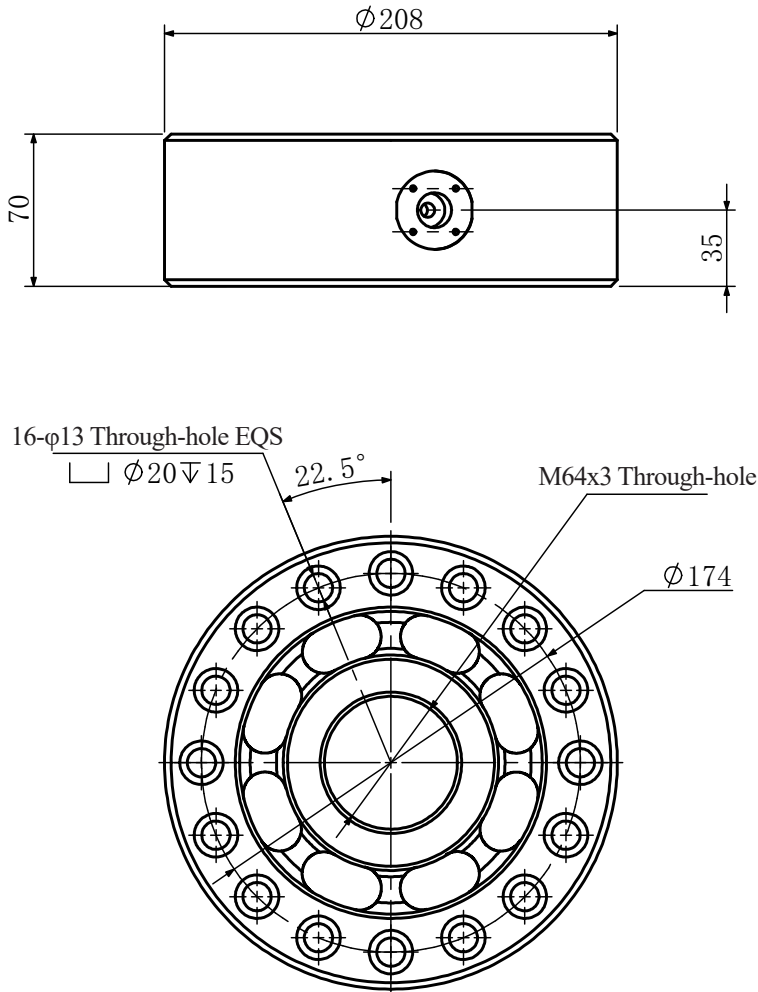
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	50,70t	Temp. effect on zero	0.05%F.S./10°C
Sensitivity	2.0±1% <i>m</i> V/V	Insulation Resistance	≥5000 <i>M</i> Ω/100V(DC)
Zero Balance	±1%F.S.	Recommended Excitation	5~15V
Creep	0.1%F.S.	Max Excitation	20V
Non-linearity	0.1%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.1%F.S.	Operating Temp Range	-20~70°C
Repeatability	0.05%F.S.	Safe Overload	150%F.S.
Input Impedance	780±20Ω	Ultimate Overload	200%F.S.
Output Impedance	700±10Ω	Cable Size	aviation plug φ6x5000mm
Temp. effect on output	0.05%F.S./10°C		
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

FA120C



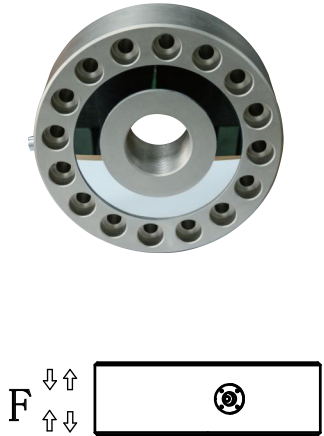
• Mounting Dimensions



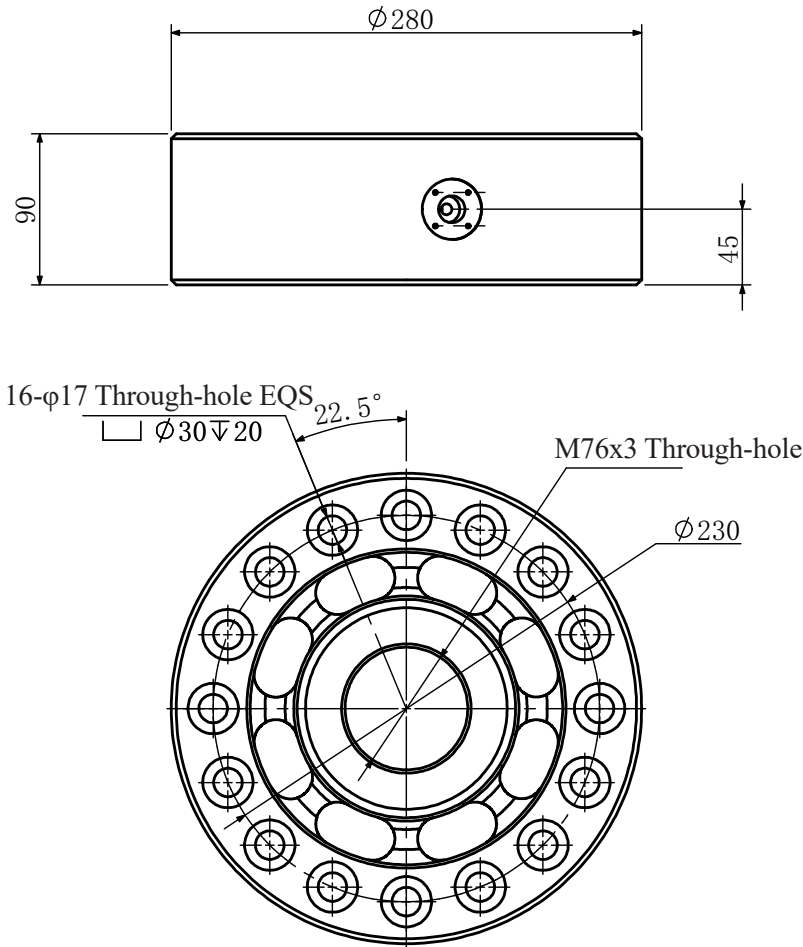
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	100,150,200,250t	Temp. effect on zero	0.05%F.S./10°C
Sensitivity	2.0±1% <i>m</i> V/V	Insulation Resistance	≥5000 <i>M</i> Ω/100V(DC)
Zero Balance	±1%F.S.	Recommended Excitation	5~15V
Creep	0.1%F.S.	Max Excitation	20V
Non-linearity	0.1%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.1%F.S.	Operating Temp Range	-20~70°C
Repeatability	0.05%F.S.	Safe Overload	150%F.S.
Input Impedance	780±20Ω	Ultimate Overload	200%F.S.
Output Impedance	700±10Ω	Cable Size	aviation plug φ6x5000mm
Temp. effect on output	0.05%F.S./10°C		
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

FA120D



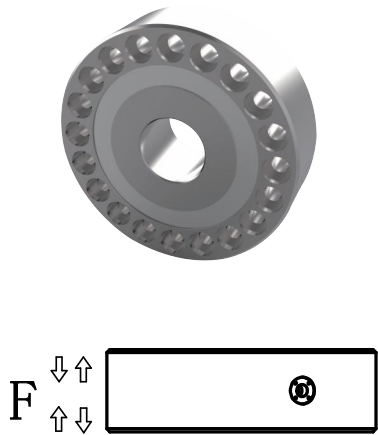
• Mounting Dimensions



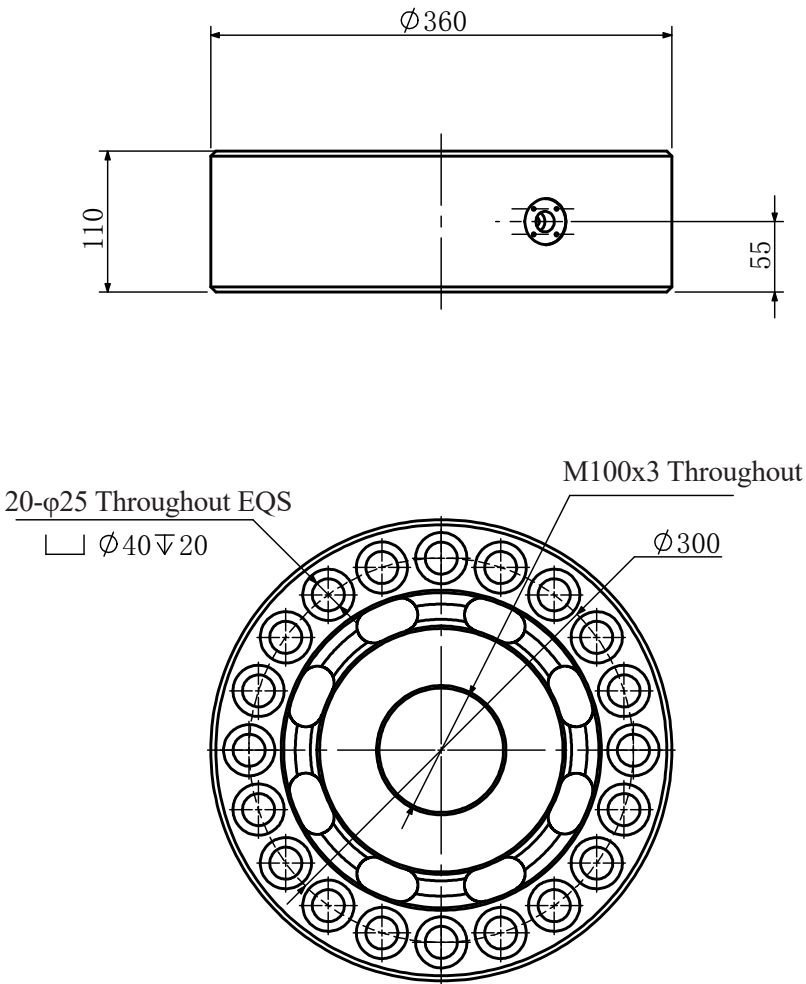
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	300t	Temp. effect on zero	0.05%F.S./10°C
Sensitivity	2.0±1% <i>mV/V</i>	Insulation Resistance	≥5000 <i>MΩ</i> /100V(DC)
Zero Balance	±1%F.S.	Recommended Excitation	5~15V
Creep	0.1%F.S.	Max Excitation	20V
Non-linearity	0.1%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.1%F.S.	Operating Temp Range	-20~70°C
Repeatability	0.05%F.S.	Safe Overload	150%F.S.
Input Impedance	780±20 <i>Ω</i>	Ultimate Overload	200%F.S.
Output Impedance	700±10 <i>Ω</i>	Cable Size	aviation plug <i>φ</i> 6x5000mm
Temp. effect on output	0.05%F.S./10°C		
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

FA120E

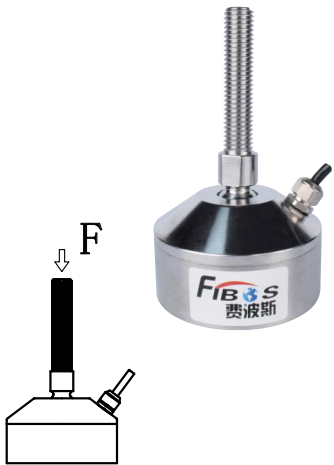


• Mounting Dimensions

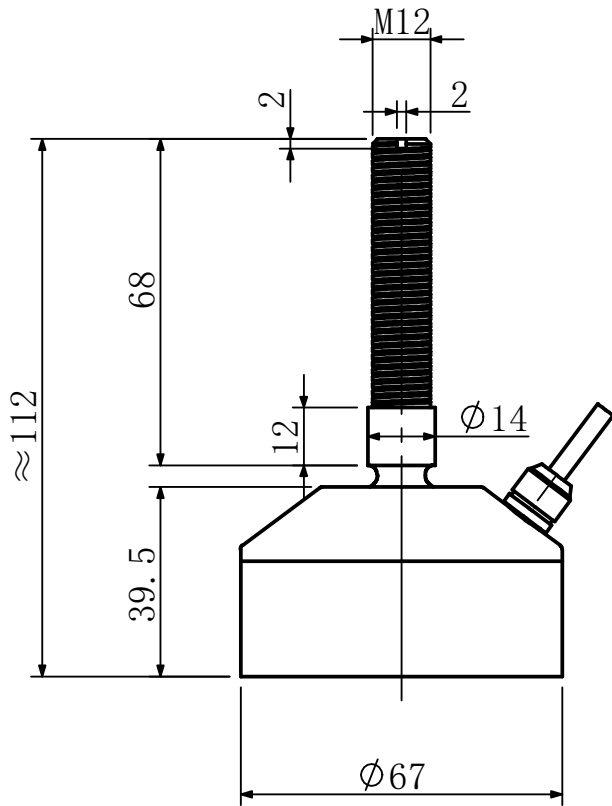


• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	2.5t	Temp. effect on zero	0.05%F.S./10°C
Sensitivity	2.0±10% <i>mV/V</i>	Insulation Resistance	≥5000 <i>MΩ</i> /100V(DC)
Zero Balance	±2% <i>mV/V</i>	Recommended Excitation	5~12V
Creep	0.05%F.S.	Max Excitation	15V
Non-linearity	0.10%F.S.	Compensated Temp Range	-10~60°C
Hysteresis	0.10%F.S.	Operating Temp Range	-20~80°C
Repeatability	0.05%F.S.	Safe Overload	150%F.S.
Input Impedance	700±10 <i>Ω</i>	Ultimate Overload	200%F.S.
Output Impedance	700±10 <i>Ω</i>	Cable Size	<i>φ</i> 5x3000mm
Temp. effect on output	0.05%F.S./10°C	Material	Stainless Steel
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



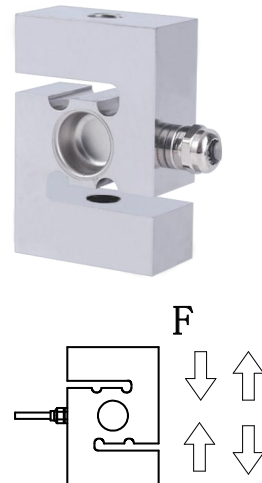
• Mounting Dimensions



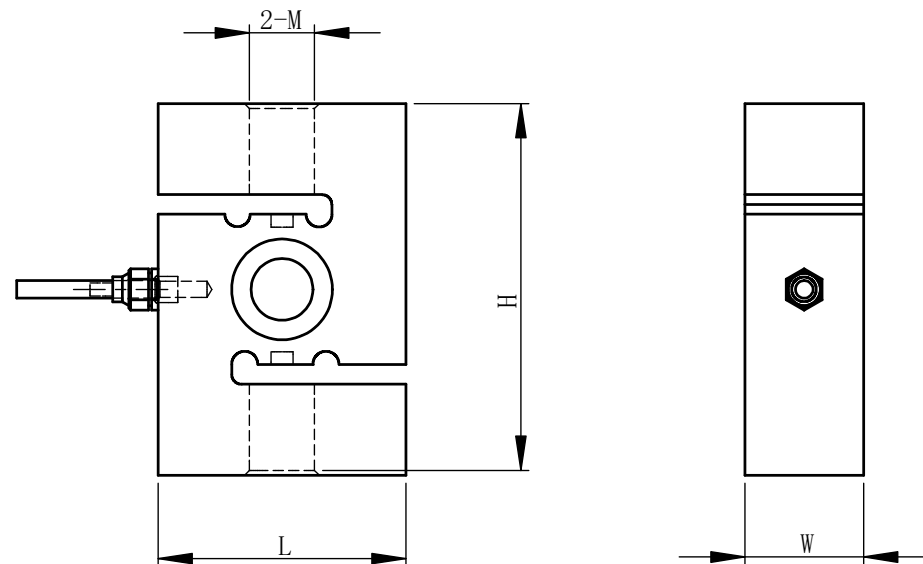
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	50,100,200,500,1000,2000,3000,5000kg	Temp. effect on zero	0.017%F.S./10°C
Sensitivity	2.0±0.25mV/V	Insulation Resistance	≥5000MΩ/100V(DC)
Zero Balance	±0.01mV/V	Recommended Excitation	5~15V
Non-linearity	0.018%F.S.	Max Excitation	20V
Hysteresis	0.018%F.S.	Compensated Temp Range	-10~40°C
Repeatability	0.024%F.S.	Operating Temp Range	-30~70°C
Input Impedance	385±10Ω	Safe Overload	150%F.S.
Output Impedance	350±5Ω	Ultimate Overload	300%F.S.
Temp. effect on output	0.014%F.S./10°C	Cable Size	φ5.4x3000mm
Wiring	Blue: EXC+, White: SIG+, Green: SEN+, Yellow: Shielding wire, Black: EXC-, Red: SIG-, Grey: SEN-		
		Material	Stainless Steel

FA305



• Mounting Dimensions

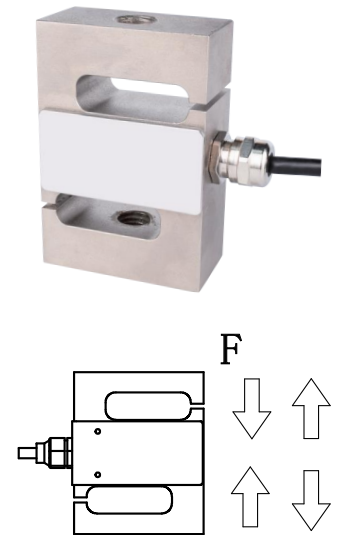


Cap (kg)	L	H	W	M
50	50.8	63.5	25.4	M8
100, 200	50.8	76.2	25.4	M12
500	57.2	87.3	31	M12
1000	57.2	87.3	31	M12
2000	69.8	100	36.5	M24X2
3000	69.8	100	36.5	M24X2
5000	76.2	114.3	36.5	M24X2

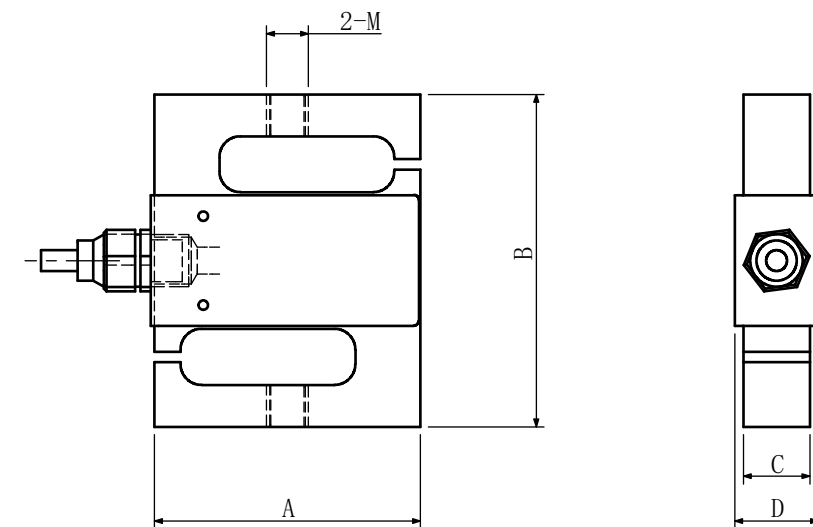
• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	25,50,100,200,250,500 kg/0.75,1,1.5,2,2.5,5,10t	Temp. effect on zero	0.05%F.S./10°C
Sensitivity	2.0/3.0±1mV/V	Insulation Resistance	≥5000MΩ/100V(DC)
Zero Balance	±0.03mV/V	Recommended Excitation	5~15V
Creep	0.024%F.S.	Max Excitation	20V
Non-linearity	0.03%F.S.	Compensated Temp Range	-10~40°C
Hysteresis	0.03%F.S.	Operating Temp Range	-30~70°C
Repeatability	0.03%F.S.	Safe Overload	150%F.S.
Input Impedance	385±10Ω	Ultimate Overload	200%F.S.
Output Impedance	350±5Ω	Cable Size	φ3x3000mm
Temp. effect on output	0.05%F.S./10°C	Material	Alloy steel
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

FA307



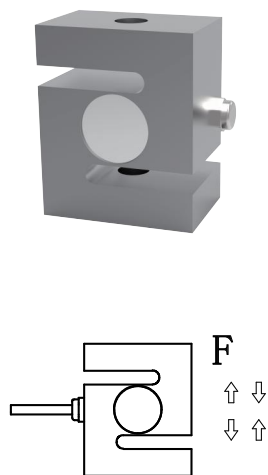
• Mounting Dimensions



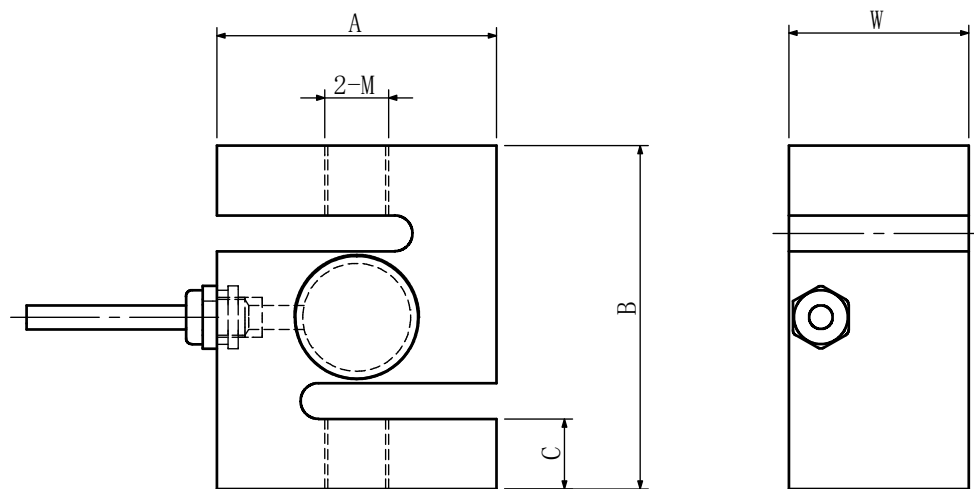
Cap (kg)	A	B	C	D	M
25, 50	50.8	63.5	12.7	16.5	M8X1.25
100	50.8	76.2	19	23.8	M10X1.5
200, 250, 500, 750	50.8	76.2	19	23.8	M12X1.75
1000, 1500	50.8	76.2	25.4	35	M12X1.75
2000, 2500, 5000	76.2	108	25	31	M18X1.5
10000	127	177.8	50.4	57	M30X2

- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	50,100,200,300,500kg 1,2,3,5t	Temp. effect on zero	0.02%F.S./10°C
		Insulation Resistance	≥5000MΩ/100V(DC)
Sensitivity	2.0±1% μ mV/V	Recommended Excitation	5~15V
Zero Balance	±2% μ mV/V	Max Excitation	20V
Creep	0.01%F.S.	Compensated Temp Range	-10~60°C
Non-linearity	0.02%F.S.	Operating Temp Range	-20~65°C
Hysteresis	0.02%F.S.	Safe Overload	150%F.S.
Repeatability	0.02%F.S.	Ultimate Overload	200%F.S.
Input Impedance	381±4Ω	Cable Size	5m
Output Impedance	350±1Ω	Material	Alloy steel
Temp. effect on output	0.02%F.S./10°C		
Wiring	Green: EXC+, White: SIG+,Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-,Red: SIG-, Blue: SEN-		



- Mounting Dimensions



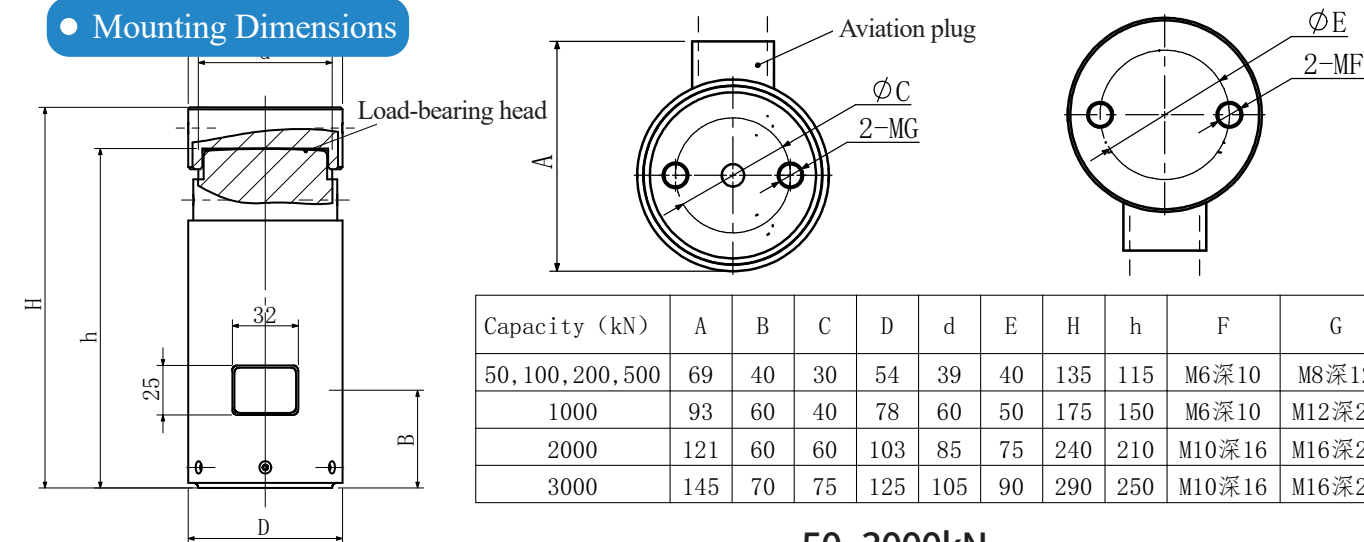
Cap (kg)	A	B	C	W	M
50~200	50.8	77	10	18.5	M10X1
300	50.8	77	10	24.4	M10X1
500	50.8	77	12	24.4	M12X1
1000	50.8	77	12	36	M12X1
2000	70	86	17	45	M16X1.5
3000	80	100	17	50	M18X1.5
5000	92	130	20	58	M20X1.5

- Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	50,100,200,500,1000, 2000,3000,5000, 10000,20000,50000kN	Max Excitation	15V
		Compensated Temp Range	-10~60°C
Capacity	2.0±10% μ V/V	Operating Temp Range	-30~70°C
Zero Balance	±1% μ V/V	Safe Overload	150%F.S.
Non-linearity	0.02%,0.05%, 0.1,0.3%F.S.	Ultimate Overload	200%F.S.
		Cable Size	φ5.4x6000mm
Repeatability	0.02%,0.05%, 0.1,0.3%F.S.	Material	Stainless Steel Alloy steel
Recommended Excitation	5~12V	IP class	IP67
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

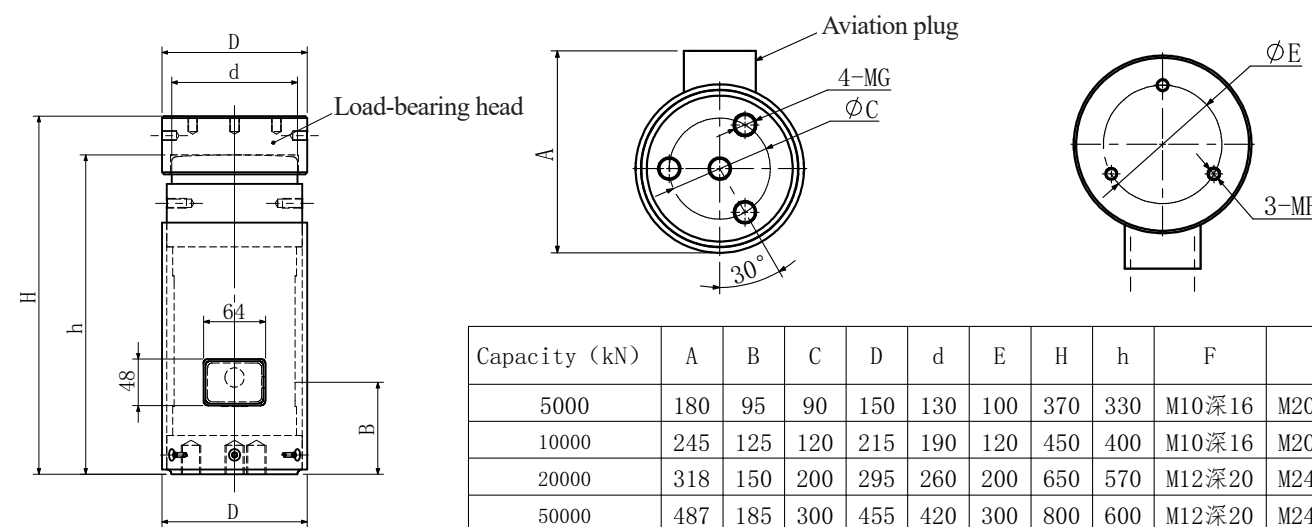


- Mounting Dimensions



Capacity (kN)	A	B	C	D	d	E	H	h	F	G
50,100,200,500	69	40	30	54	39	40	135	115	M6深10	M8深12
1000	93	60	40	78	60	50	175	150	M6深10	M12深20
2000	121	60	60	103	85	75	240	210	M10深16	M16深25
3000	145	70	75	125	105	90	290	250	M10深16	M16深25

50~3000kN



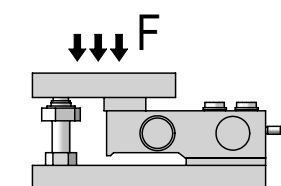
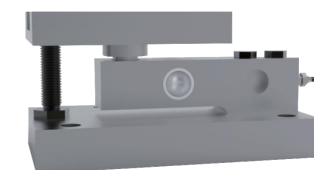
Capacity (kN)	A	B	C	D	d	E	H	h	F	G
5000	180	95	90	150	130	100	370	330	M10深16	M20深30
10000	245	125	120	215	190	120	450	400	M10深16	M20深30
20000	318	150	200	295	260	200	650	570	M12深20	M24深40
50000	487	185	300	455	420	300	800	600	M12深20	M24深40

5000~50000kN

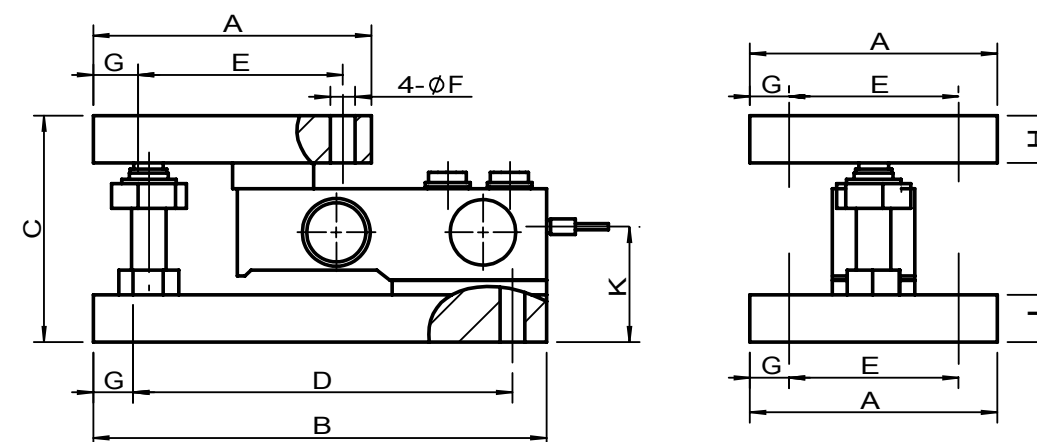
FA801

• Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	0.25~20t	Insulation Resistance	$\geq 5000\text{M}\Omega/100\text{V}(\text{DC})$
Sensitivity	$2.0/3.0 \pm 10\% \text{mV/V}$	Recommended Excitation	10V
Zero Balance	$\pm 0.02 \text{mV/V}$	Max Excitation	15V
Creep	0.03%F.S.	Compensated Temp Range	-10~60°C
Non-linearity	0.03%F.S.	Operating Temp Range	-20~80°C
Hysteresis	0.03%F.S.	Safe Overload	150%F.S.
Repeatability	0.03%F.S.	Ultimate Overload	200%F.S.
Input Impedance	$385 \pm 15\Omega$	Cable Size	$\phi 5 \times 6000 \text{mm}$
Output Impedance	$350 \pm 5\Omega$	Material	Stainless Steel/Alloy steel
Temp. effect on output	0.025%F.S./10°C	IP Class	IP65(<500kg); IP68($\geq 500\text{kg}$)
Temp. effect on zero	0.025%F.S./10°C		
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		



• Mounting Dimensions



Cap (t)	A	B	C	D	E	ØF	G	H	J	K
0.25-2	114.3	177.8	104.8	152.4	88.9	11	12.7	19	19	50.8
5	152.4	235	136.5	184.2	101.6	17.5	25.4	31.8	25.4	65.1
10, 15	203.2	355.6	190.5	304.8	152.4	20.6	25.4	44.5	44.5	96.8
20	228.6	228.6	228.6	342.9	165.1	28.5	31.8	50.8	50.8	114

Weighing Module

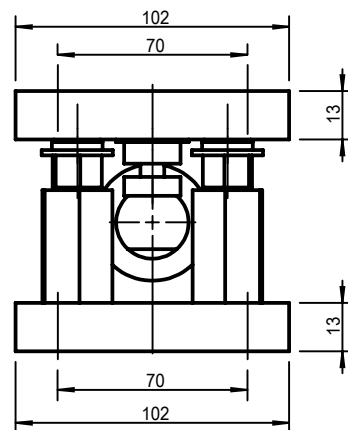
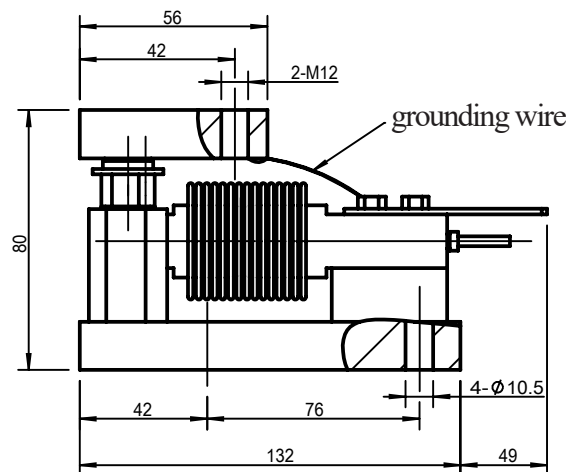
Our company's independently produced weighing module is made of high-quality alloy steel/stainless steel, with a long service life and high safety. It has a fast response frequency and high accuracy level. It uses a scientific installation method and can completely replace imported weighing modules.

(The products shown in this catalog are part of our main products, and we also support diverse non-standard customization.)

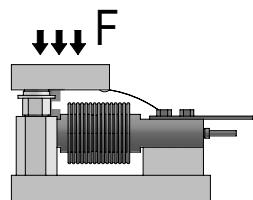
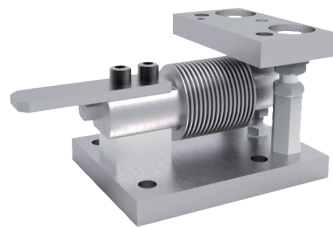
Technical Specifications

Specifications	Technique	Specifications	Technique
Capacity	10~200kg	Insulation Resistance	$\geq 5000\text{M}\Omega/100\text{V(DC)}$
Sensitivity	$2.0 \pm 10\% \text{mV/V}$	Recommended Excitation	10V
Zero Balance	$\pm 0.02 \text{mV/V}$	Max Excitation	15V
Creep	0.03%F.S.	Compensated Temp Range	-10~60°C
Non-linearity	0.03%F.S.	Operating Temp Range	-20~80°C
Hysteresis	0.03%F.S.	Safe Overload	150%F.S.
Repeatability	0.03%F.S.	Ultimate Overload	200%F.S.
Input Impedance	$385 \pm 15\Omega$	Cable Size	$\phi 5 \times 6000 \text{mm}$
Output Impedance	$350 \pm 5\Omega$	Material	Stainless Steel/Alloy steel
Temp. effect on output	0.025%F.S./10°C	IP Class	IP65(<500kg); IP68($\geq 500\text{kg}$)
Temp. effect on zero	0.025%F.S./10°C		
Wiring	Red: EXC+, Green: Sig+, Yellow: Shielding wire, White: Sig-, Black: EXC-		

Mounting Dimensions

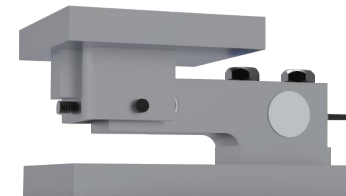


FA802



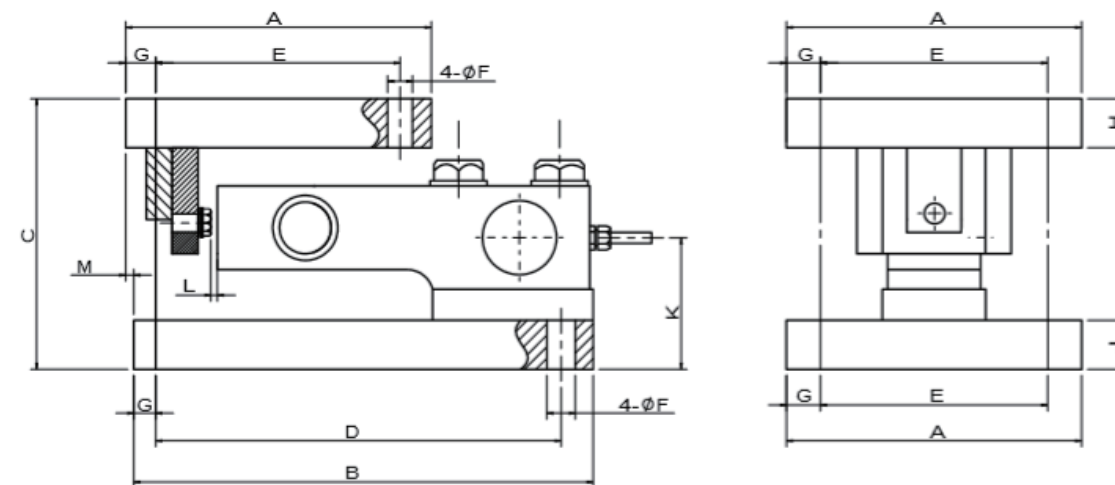
Features

- ▶ Adopting stainless steel welding sealed sensor, protection level IP68, it can be used in various harsh environments.
- ▶ The self-stabilizing pressure head design always maintains the correct loading position with good weighing repeatability.
- ▶ Equipped with adjustable horizontal limit bolts
- ▶ Easy installation and quick maintenance.
- ▶ It is suitable for weighing and process weighing control in harsh environments such as conveyor roller scales with horizontal impact.



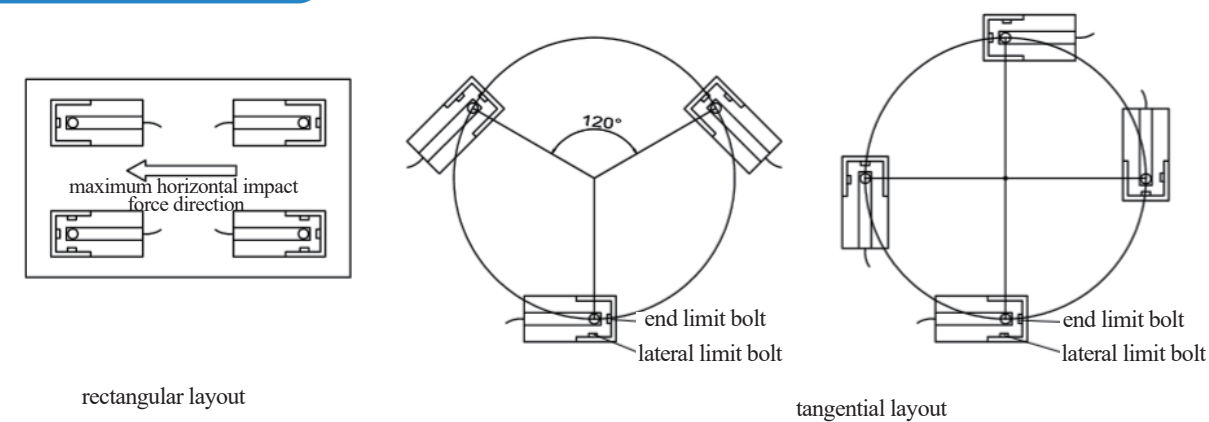
- Capacity
0.22t, 0.55t, 1.1t, 2.2t, 4.4t, 9.07t, 13.6t, 20.4t

Mounting Dimensions



Cap (t)	A	B	C	D	E	F	G	H	J	K	L	M
0.22-2.2	114.3	177.8	104.8	152.4	88.9	11	12.7	19	19	50.8	1.6	0
4.4	152.4	235	136.5	184.2	101.6	17.5	25.4	31.8	25.4	65.1	1.6	0
9.07, 13.6	203.2	355.6	190.5	304.8	152.4	20.6	25.4	44.5	44.5	96.8	3	0
20.4	228.6	406.4	228.6	342.9	165.1	28.5	31.8	50.8	50.8	114	3	0

The way to install



Note: When only two modules bear the impact in the same direction, the two modules should be on the same side of the scale.

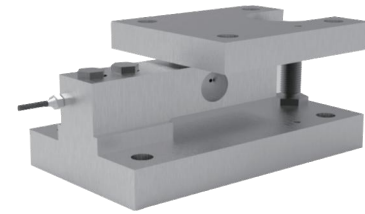
Green: EXC+, White: Sig+, Yellow: Shielding wire, Red: Sig-, Black: EXC-

FA804

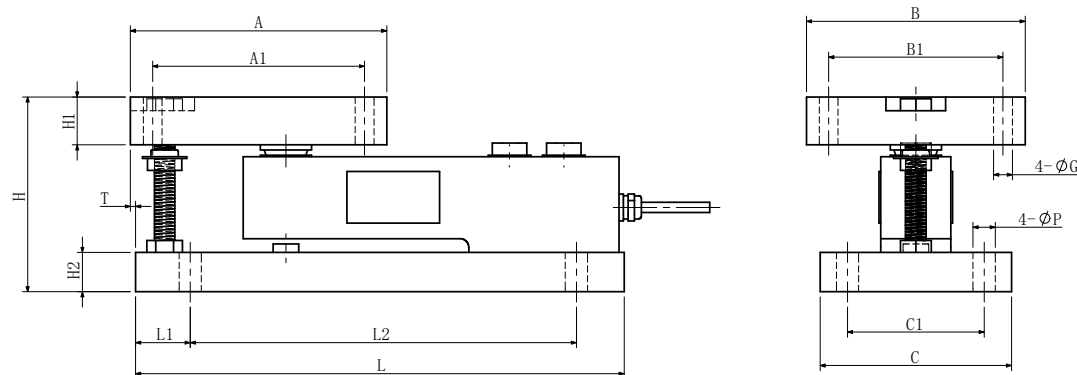
• Features

- ▶ Using high-quality sensors, with high weighing accuracy
- ▶ With a unique structure that can be conveniently installed on various tanks.
- ▶ Three types of top plate structures (fixed, semi-floating, and floating) can eliminate weighing errors caused by tank thermal expansion and contraction.
- ▶ Made of high-quality alloy steel with a nickel-plated surface.
- ▶ Easy to install and maintain, saving downtime maintenance time.
- ▶ It is suitable for weighing and process weighing control in tank batching processes.

- Capacity
0.3,0.5,1,2,3,5,10,15,20t

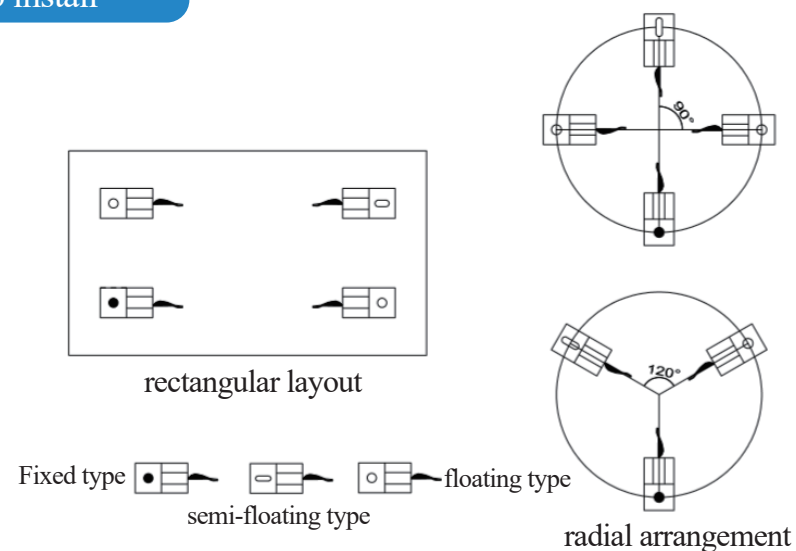


• Mounting Dimensions



Cap(t)	L	L1	L2	A	A1	B	B1	C	C1	H	H1	H2	ØG	ØP	T
0.3, 0.5, 1, 2, 3	286	32	226	150	124	128	102	112	80	102	28	23	11	13	3
5	317.5	32	257	178	146	152	120	152	102	130	38	30	17.5	17	3
10	360	32	295	184	152	154	122	154	106	168	45	45	22	21	3
15, 20	400	25	350	220	170	220	170	220	170	213	55	55	26	26	0

• The way to install



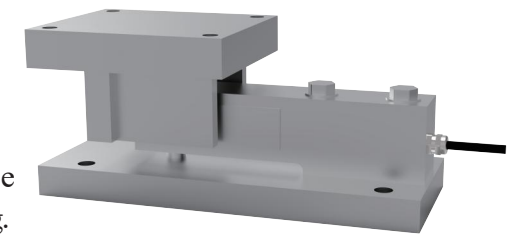
Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-

FA805

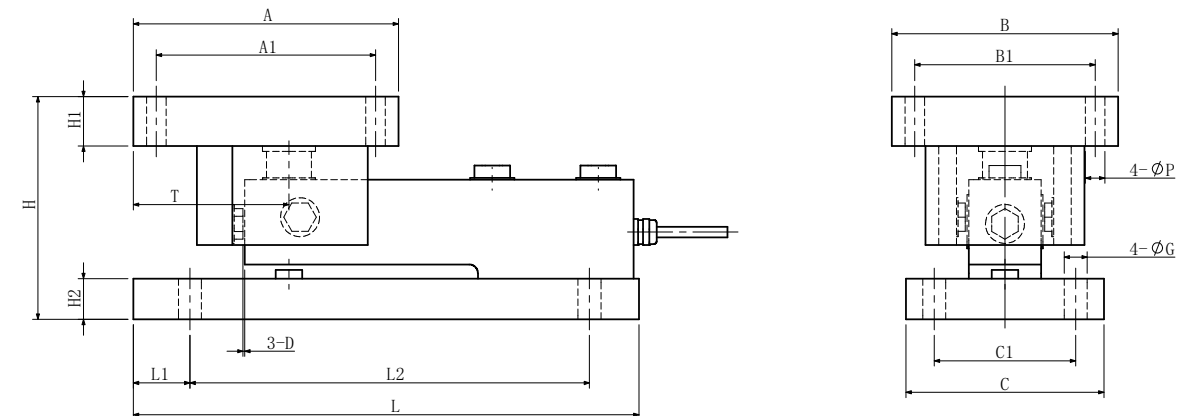
• Features

- ▶ Using high-quality sensors, with high weighing accuracy
- ▶ The self-stabilizing pressure head design always maintains the correct loading position
- ▶ Equipped with adjustable horizontal limit bolts.
- ▶ Made of high-quality alloy steel with a nickel-plated surface
- ▶ Equipped with alignment tools to ensure correct module positioning.
- ▶ Easy to install and maintain, saving downtime maintenance time.
- ▶ It is suitable for weighing and process weighing control in environments such as conveyor roller scales with horizontal impact.

- Capacity
0.3,0.5,1,2,3,5,10,15,20t

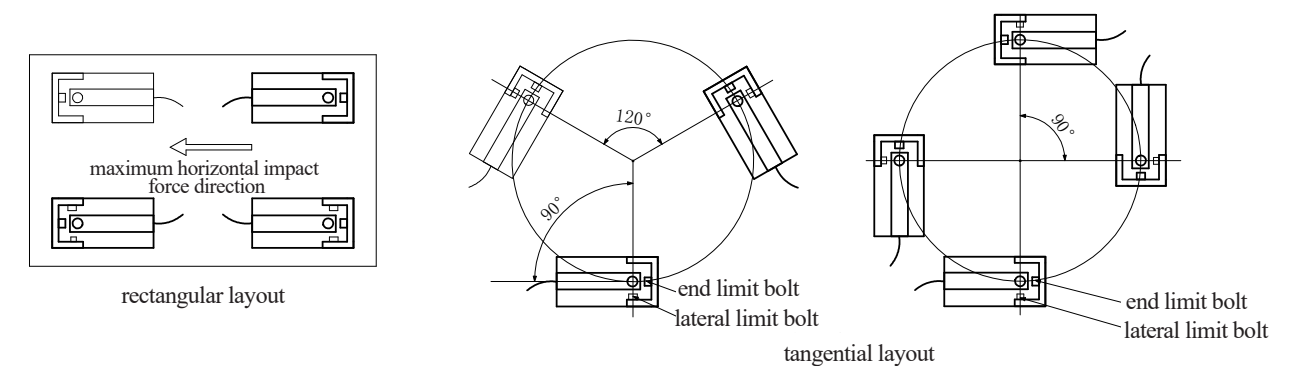


• Mounting Dimensions



Cap t	L	L1	L2	A	A1	B	B1	C	C1	H	H1	H2	T	ØP	ØG	D
0.3, 0.5, 1, 2, 3	286	32	226	150	124	128	102	112	80	106.9	28	23	96	11	13	1.6
5	317.5	32	257	178	146	152	120	152	102	146.2	38	30	99	17.5	17	1.6
10	360	32	295	184	152	154	122	154	106	215.7	45	45	105	22	21	3
15, 20	400	25	350	220	170	220	170	220	170	255.7	55	55	115	26	26	3

• The way to install



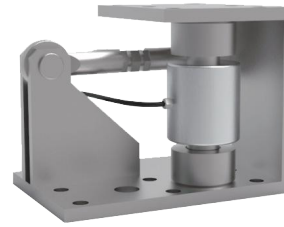
Note: When only two modules bear the impact in the same direction, the two modules should be on the same side of the scale.

Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-

FA806

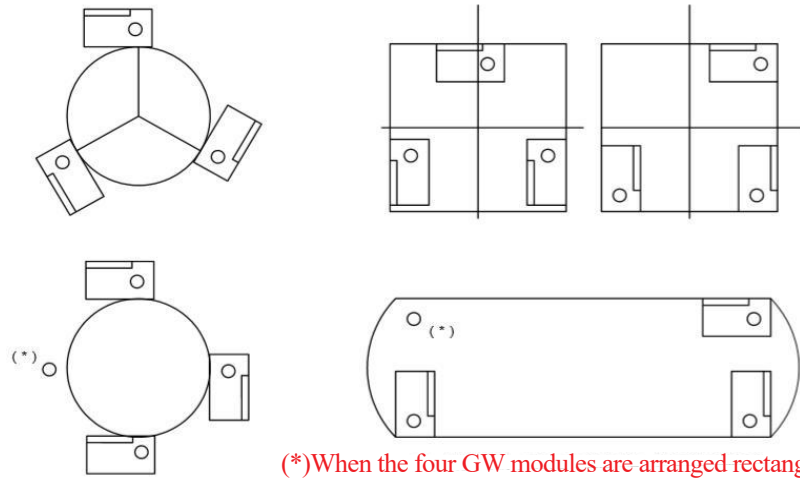
• Features

- ▶ Large capacity and small self-weight
- ▶ With a built-in safety support block marking for overload protection.
- ▶ Adopting stainless steel welding sealed sensor, protection level IP68, it can be used in harsh environments.
- ▶ Easy to install and fast to maintain, saving downtime maintenance time.
- ▶ It is suitable for weighing and process weighing control in harsh environments, with large tonnage tank batching.



- Capacity
15t, 20t, 30t, 50t, 100t

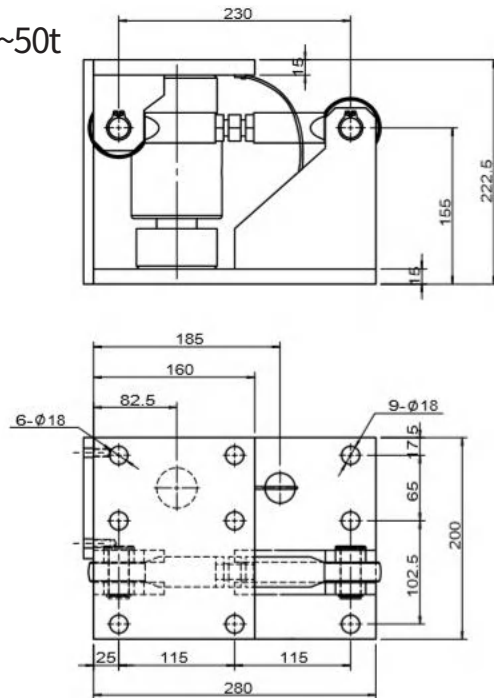
• The way to install



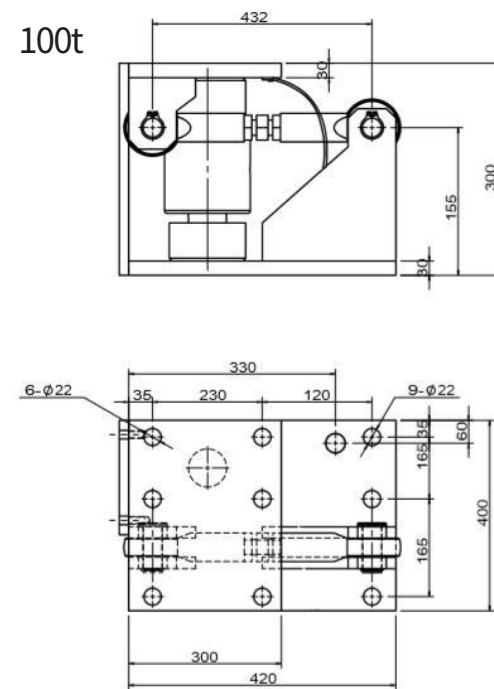
(*)When the four GW modules are arranged rectangularly, one of them should remove the lateral limit.

• Mounting Dimensions

15~50t



100t

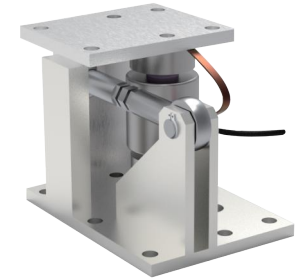


Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-

FA812

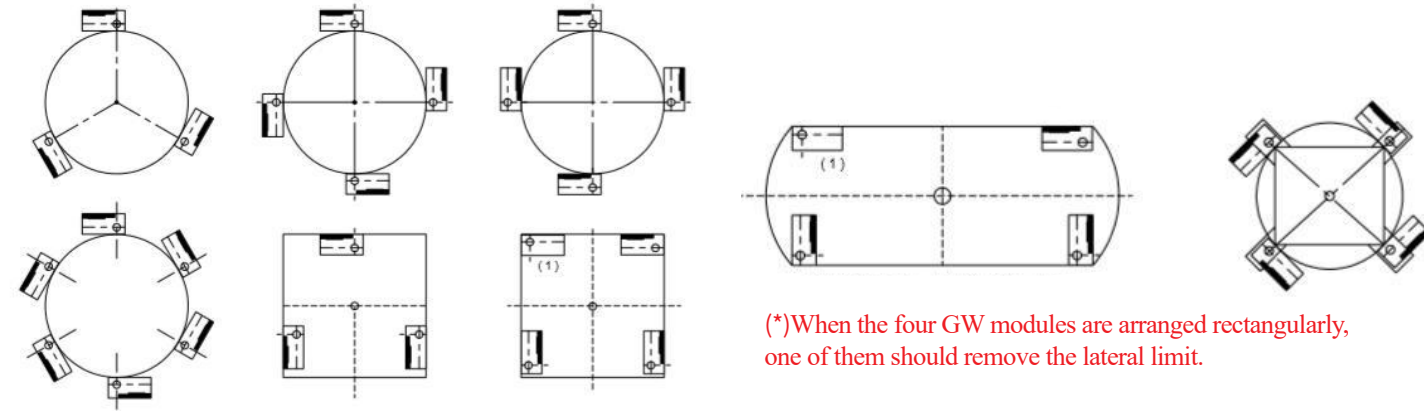
• Features

- ▶ Adopting stainless steel welding sealed sensor, protection level IP68, it can be used in various harsh environments.
- ▶ Easy to install and fast to maintain, saving downtime maintenance time.
- ▶ It is suitable for weighing and process weighing control in large tonnage tank batching.



- Capacity
15、20、30、50、100t

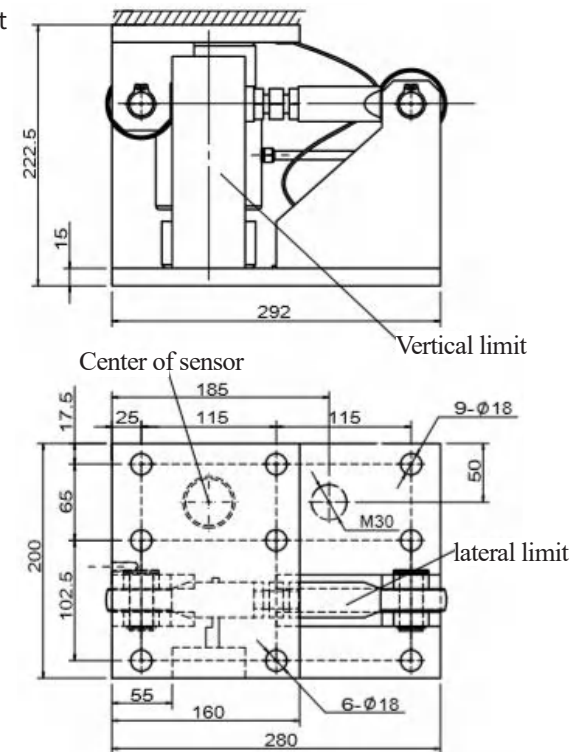
• The way to install



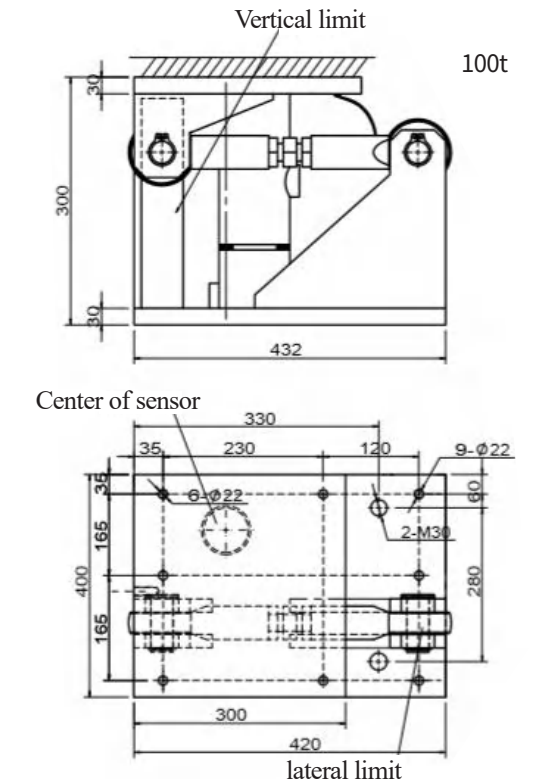
(*)When the four GW modules are arranged rectangularly, one of them should remove the lateral limit.

• Mounting Dimensions

15,20,30,50t

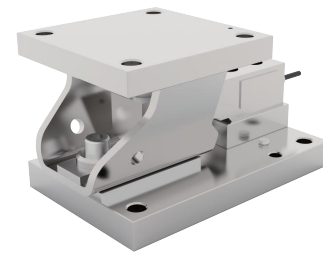


100t



Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-

FA814



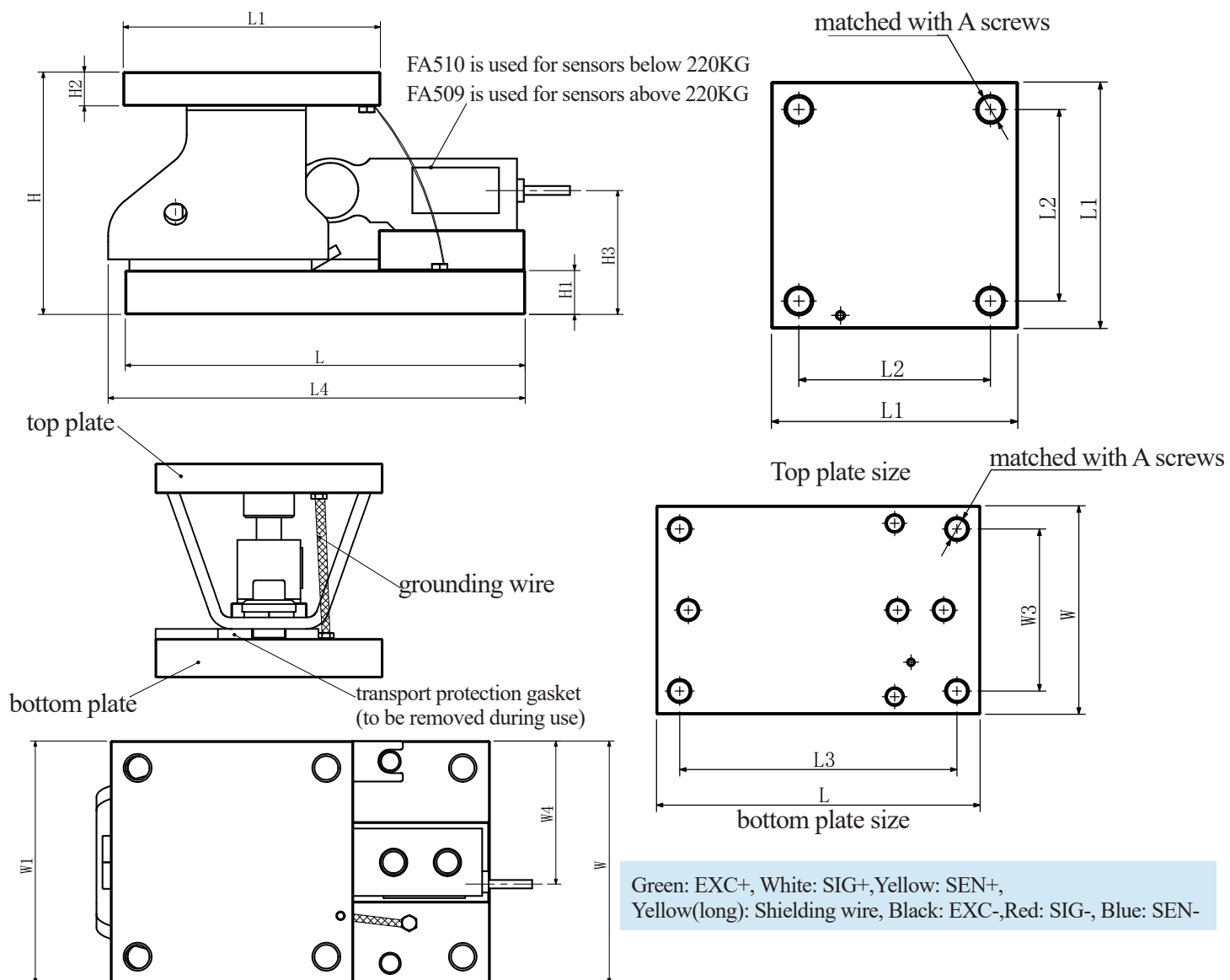
• Features

- ▶ Adopting stainless steel welding sealed sensor, protection level IP68, it can be used in various harsh environments.
- ▶ Easy to install and fast to maintain, saving downtime maintenance time.
- ▶ It is suitable for weighing and process weighing control in large tonnage tank batching.

- Capacity
10~100kg, 220kg, 1.1t, 2.2t, 4.4t

• Mounting Dimensions

Cap	H	H1	H2	H3	L	L1	L2	L3	L4	W	W1	W3	W4	A
10~100kg	83	12.7	8	41	165	102	82	145	-	102	102	82	60	M8
220kg, 1.1t	105.2	19.1	12.7	50.9	177.9	114.4	89	152.4	185.6	114.4	114.4	89	66.6	M10
2.2t				51.3									69.7	
4.4t	136.6	25.4	19.1	70.3	235	152.4	101.6	184.2	-	152.4	152.4	101.6	91.7	M16



Green: EXC+, White: SIG+, Yellow: SEN+, Yellow(long): Shielding wire, Black: EXC-, Red: SIG-, Blue: SEN-

Customization of Non-Standard Products



• Features

Fibos has a professional technical team that can develop corresponding products based on customer's special requirements. The research and development cycle is combined with the independent production line, and relevant products can be produced in a short period of time.

• Production Process

Communicate the application principle and environment with the customer

Internal discussion meeting

Determine the solution and design drawings

Communicate again with the customer, determine feasibility, and sign the sample contract

Sign a batch contract after the test achieves the expected results

Send the product to the customer for testing

Preliminary testing is conducted internally

The production department produces samples according to the drawings

• Feasibility



Appearance of non-standard products



Measurement range



Waterproof



High and low-temperature range



Transmission



Usage environment