

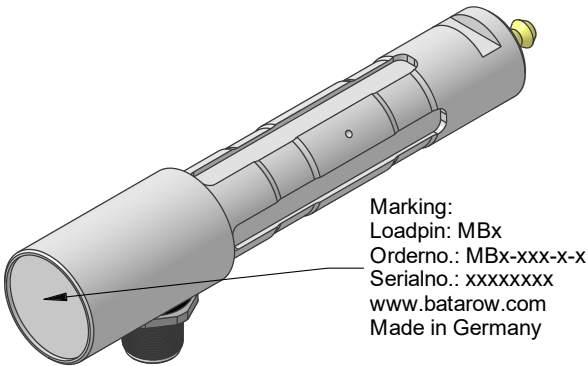
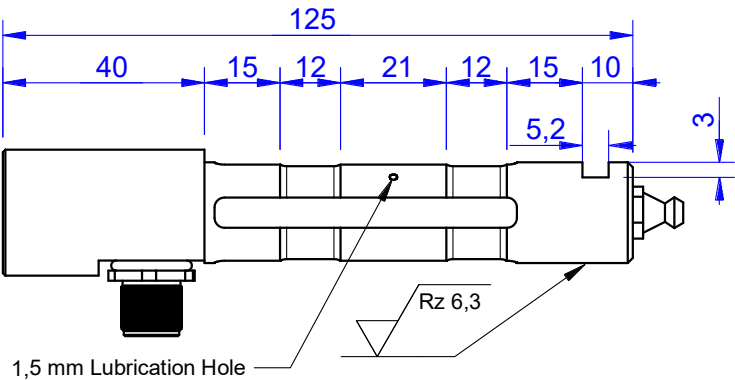
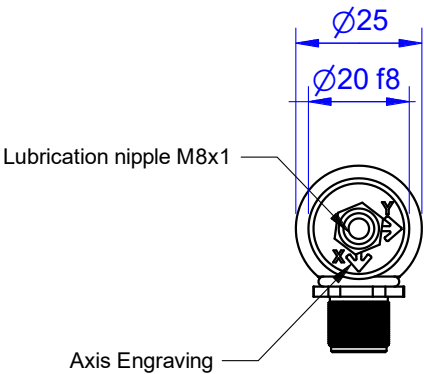
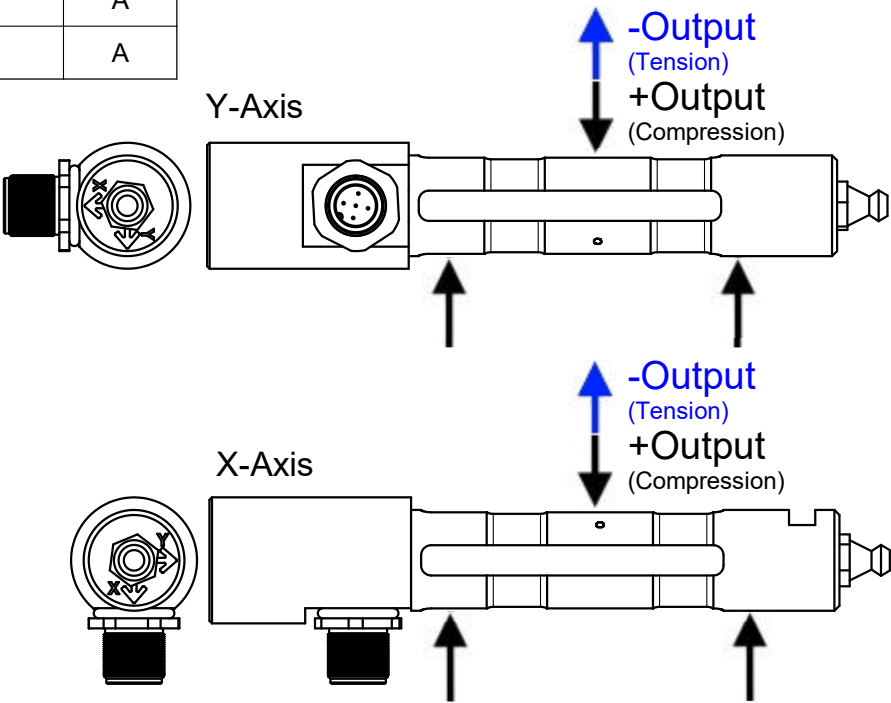


Table with 4 columns: Ordernumber, Capacity [kN] (F.S.), Uncertainty [kN] (k=2), and Review. It lists four models: MB2025-2-x-A, MB2025-5-x-A, MB2025-10-x-A, and MB2025-12-x-A*.

* above showed version
fixed dimensions don't change at other capacity

Specifications:

Table with 3 columns: Dimension / Material, Material, and values. It details mechanical data (Safe Load Limit, Breaking Load, Precision) and temperature data (Compensated Temp., Operating Temp.) for Stainless Steel IP 66.



Mounting Situation

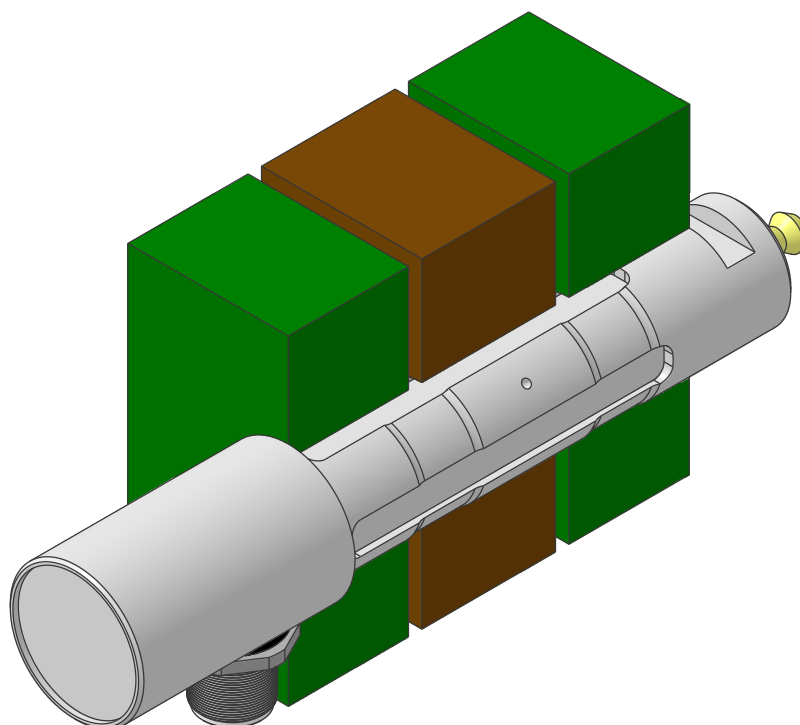
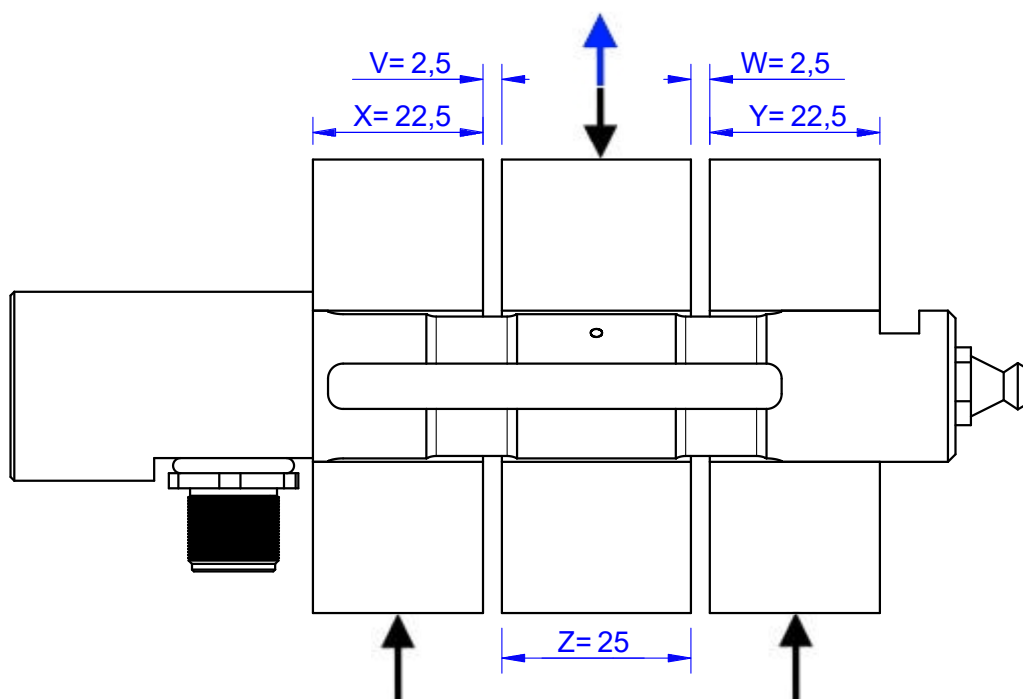
MB2025 Review: A

Bore fit of mounting situation: H7

Configuration

possible mounting situation / customer mounting could vary

(Please describe mounting situation with Vs, Ws, Xs, Ys and Zs for best possible calibration)



Output Signal & Wiring

MB2025 Review: A

Analog Output mV/V (S1)

Electrical Data		
Rated Output	mV/V@F.S.	1
Zero Balance	mV/V	±0,05
Excitation (Maximum)	Volt	10
Input Resistance	Ohm	450±100
Output Resistance	Ohm	352±2
Insulating Resistance	GOhm	>5

Wiringcode:WC67			
Cabeling: M8 Male Socket / Flanschdose (male)			
+Us (Fx)	Pin 2 / brown	+Us (Fy)	Pin 6 / pink
-Us (Fx)	Pin 1 / white	-Us (Fy)	Pin 5 / grey
+Ud (Fx)	Pin 3 / green	+Ud (Fy)	Pin 7 / blue
-Ud (Fx)	Pin 4 / yellow	-Ud (Fy)	Pin 8 / red



Ordernumber Add-On:
MBxxx-x-S1-x

Analog Output 0V..10V (U4)*

Electrical Data U4		
Output @ -F.S.	V	0
Output @ 0kN	V	5
Output @ +F.S.	V	10
Supply Voltage	V	14..28
Current Consumption	mA	25 (@ 24V)
Bandwidth	kHz	1

Wiringcode: WC510			
Integrated Amplifier:GSV			
Cabeling: M12 Male Socket / Flanschstecker (male)			
Supply(+)	Pin 1	Output X-Axis	Pin 4
Ground(-)	Pin 3	Output Y-Axis	Pin 6
Tare X	Pin 2	Tare Y	Pin 7
Scale X	Pin 5	Scale Y	Pin 8



Ordernumber Add-On:
MBxxx-x-U4-x

Analog Output 4..20mA (I4)*

Electrical Data I4		
Output @ -F.S.	mA	4
Output @ 0kN	mA	12
Output @ +F.S.	mA	20
Supply Voltage	V	9..28
Current Consumption	mA	25 (@ 24V)
Bandwidth	kHz	1

Wiringcode: WC510			
Integrated Amplifier:GSV			
Cabeling: M12 Male Socket / Flanschstecker (male)			
Supply(+)	Pin 1	Output X-Axis	Pin 4
Ground(-)	Pin 3	Output Y-Axis	Pin 6
Tare X	Pin 2	Tare Y	Pin 7
Scale X	Pin 5	Scale Y	Pin 8



Ordernumber Add-On:
MBxxx-x-I4-x

Attention: Nipple orientation of connector is not fixed. In case of 90° connector - it is necessary to set by customer.

*Attention: With this output configuration is no negative signal (Tension) possible. Please ask our engineering for 4..12..20mA; 1..5..9V or ±10V versions.

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