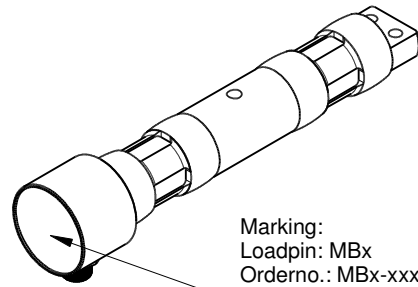
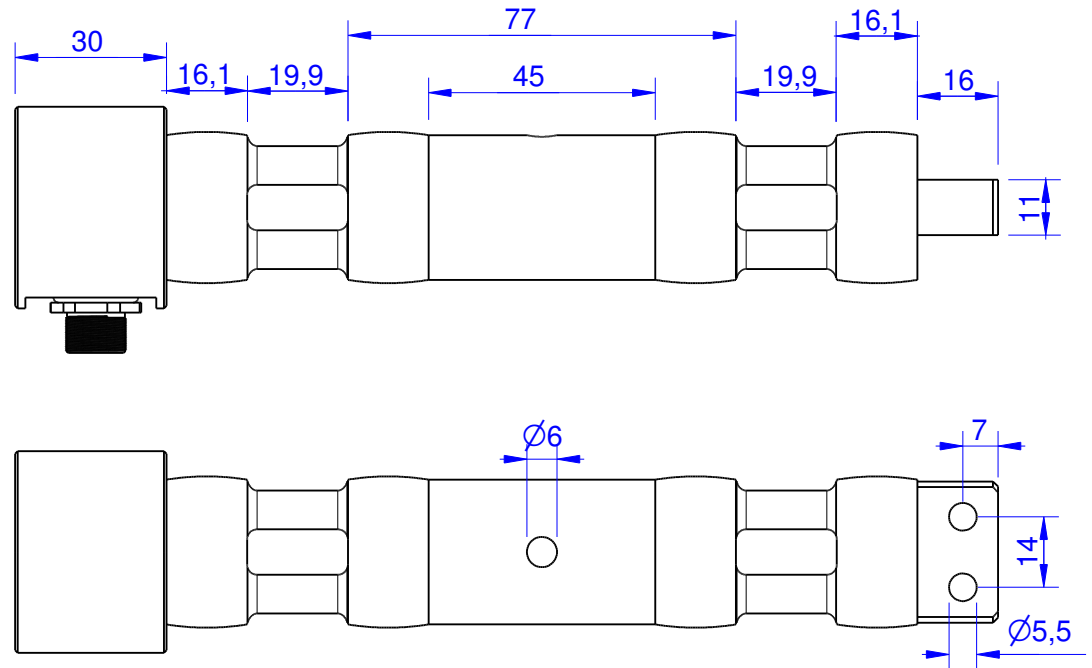
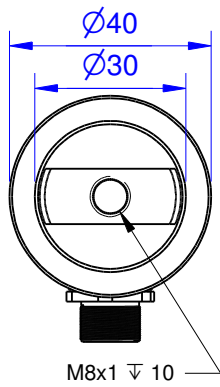


MB773

2 Axis Load Pin



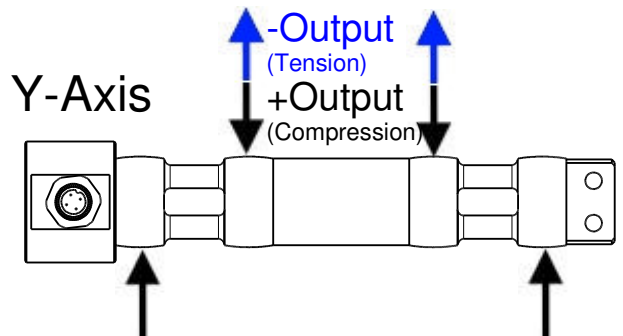
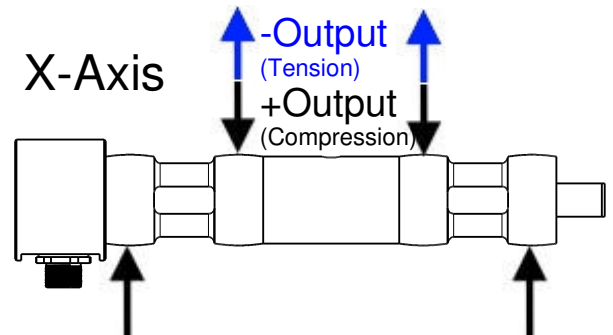
Marking:
 Loadpin: MBx
 Orderno.: MBx-xxx-x-x
 Serialno.: xxxxxxxx
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Order-number	Capacity (F.S.)	Uncertainty (k=2)	Review
MB773-5-x-A	5 kN	±0,05kN	A
MB773-10-x-A	10 kN	±0,05 kN	A
MB773-20-x-A	20 kN	±0,20 kN	A
MB773-50-x-A*	50 kN	±0,50 kN	A
MB773-100-x-A	100 kN	±1,00kN	A

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

Specifications:

Dimension / Material		Stainless Steel
Material		Stainless Steel
Protection class		IP 66
Hardness (load area)	HRC	38
Mechanical Data		
Safe Load Limit	% of F.S.	150
Breaking Load	% of F.S.	300
Precision		
Nonlinearity	% of F.S.	±0,5
Nonrepeatability	% of F.S.	±0,25
Hysteresis	% of F.S.	±0,2
Temp. Shift Zero	% of F.S./K.	±0,05
Temp. Shift Span	% of F.S./K.	±0,05
Temperature		
Compensated Temp.	°C	-10...+60
Operating Temp.	°C	-20...+70



Mounting Situation

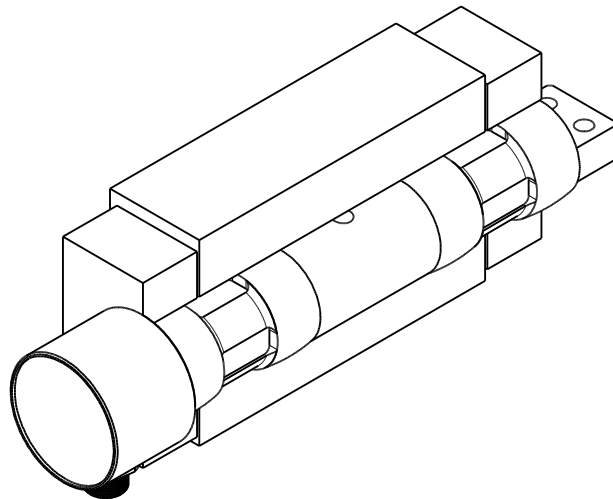
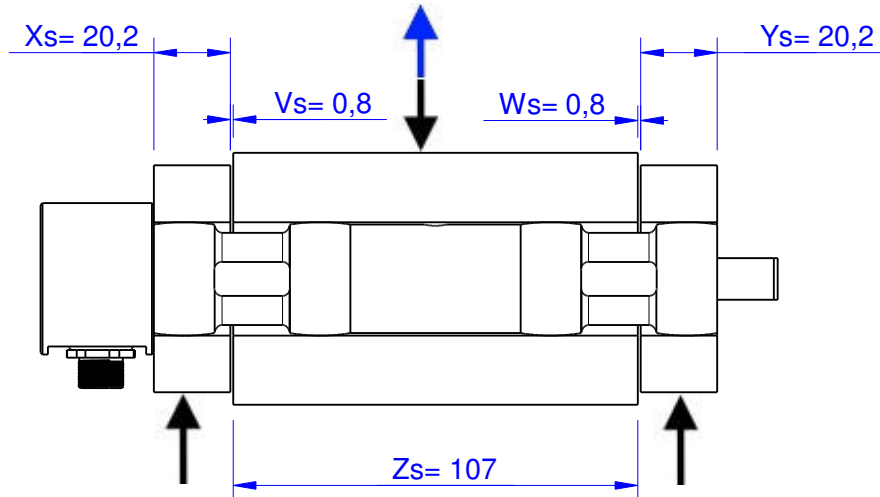
MB773 Review: A

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)



Batarow
Made in Germany

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Fax : +49 (0) 3843-218842


Internet:
www.batarow.com

Output Signal & Wiring

MB773 Review: A

Analog Output mV/V (S1)


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

Wiringcode: WC56				
Cabeling: M12 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 1V..10V (U1)*


Electrical Data U1		
Output @ 0kN	V	$1 \pm 0,2$
Output @ F.S.	V	$10 \pm 0,2$
Supply Voltage	V	24 ± 2
Current Consumption	mA	25 (@ 24V)
Bandwidth	kHz	$2,2 \pm 0,2$

Wiringcode: WC48		Connectortype: M12 (male)		
	Supply (+)	GND	Output X	Output Y
	Pin 1	Pin 3	Pin 4	Pin 2

Ordernumber Add-On:
MBxxx-x-U1-x

Analog Output 4..20mA (I1)*

Electrical Data I1		
Output @ 0kN	mA	$4 \pm 0,5$
Output @ F.S.	mA	$20 \pm 0,5$
Supply Voltage	V	24 ± 2
Current Consumption	mA	45 (@ 24V)
Bandwidth	kHz	$2,2 \pm 0,2$

Wiringcode: WC48		Connectortype: M12 (male)		
	Supply (+)	GND	Output X	Output Y
	Pin 1	Pin 3	Pin 4	Pin 2

Ordernumber Add-On:
MBxxx-x-I1-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 $\pm 10V$ versions.

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