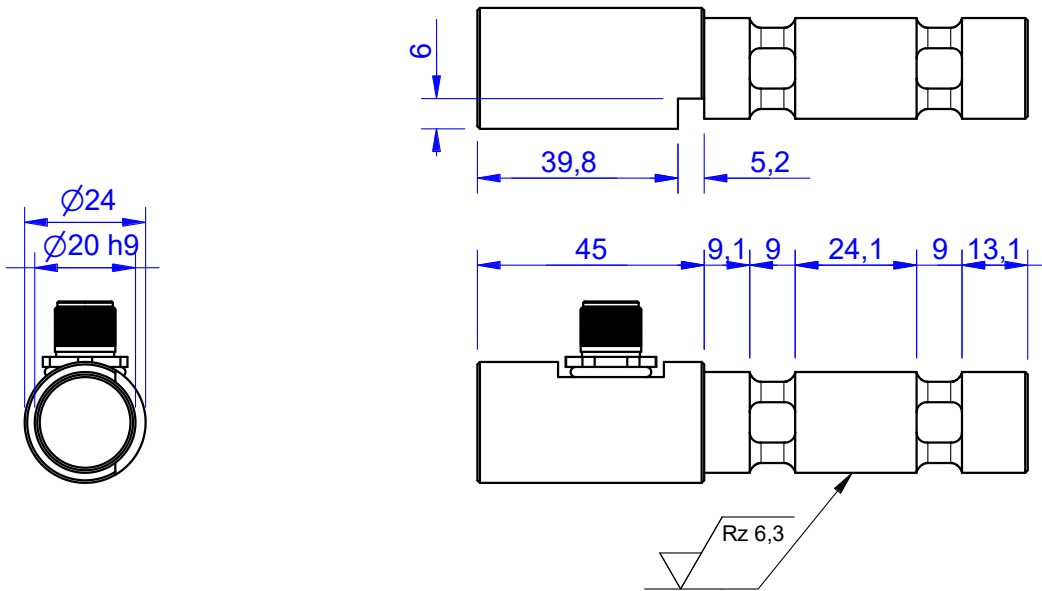
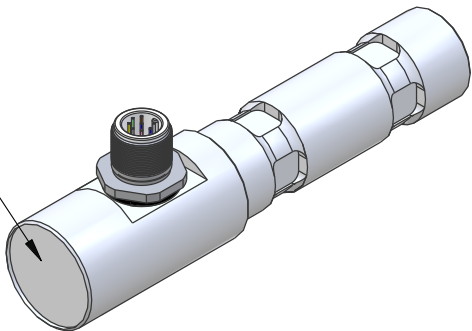




Marking:
 Loadpin: MBx
 Orderno.: MBx-xxx-x-x
 Serialno.: xxxxxxxx
 www.batarow.com
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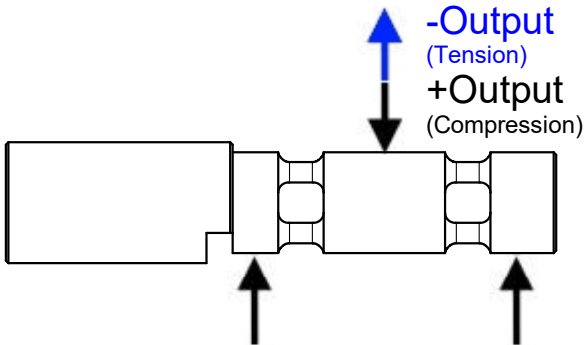
Ordernumber	Capacity [kN] (F.S.)	Uncertainty [kN] (k=2)	Review
MB1943-6-x-C	6	± 0,06	C
MB1943-8-x-C*	8	± 0,08	C
MB1943-11-x-C	11	± 0,11	C

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

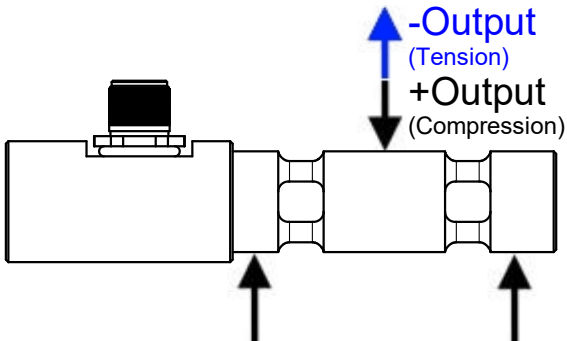
Specifications:

Dimension / Material		
Material		Stainless Steel
Protection class		IP 66
Hardness (load area)	HRC	40..45
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

Y-Axis:



X-Axis:



Mounting Situation

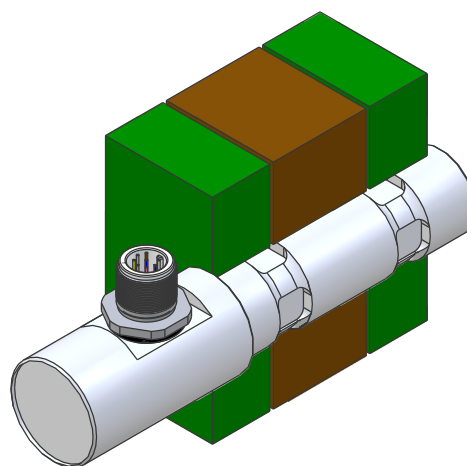
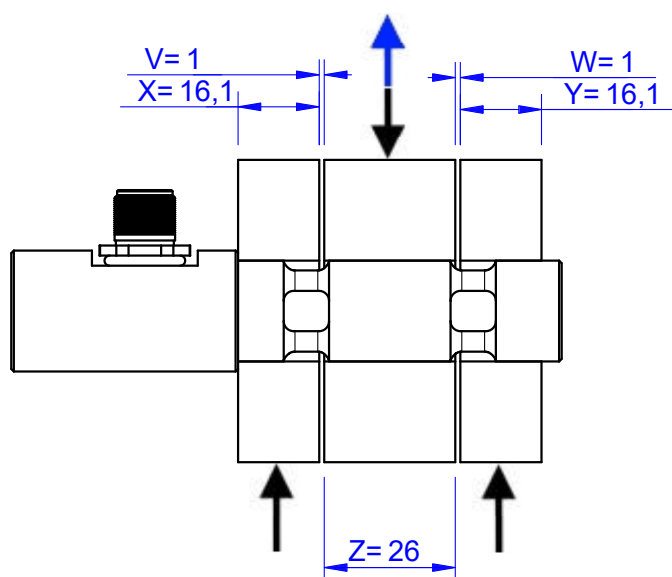
MB1943 Review: C

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

MB1943 Review: C

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



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

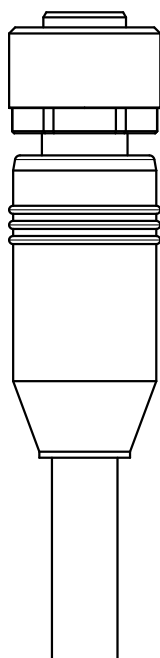
Wiringcode: WC510			
Integrated Amplifier:GSV			
Cabeling: M12 Male Socket / Flanschstecker (male)			
Supply(+)	Pin 1	Output X-Axis	Pin 4
Ground(-)	Pin 3	Output Y-Axis	Pin 6
Tare X	Pin 2	Tare Y	Pin 7
Scale X	Pin 5	Scale Y	Pin 8



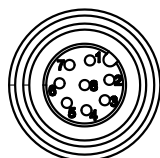
Ordernumber Add-On:

MBxxx-x-U4-x

Cabeling SAC-8p 5 m



1	white
2	brown
3	green
4	yellow
5	gray
6	pink
7	blue
8	red
shield	



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.

Batarow
Made in Germany

Batarow Sensorik GmbH
Gewerbegebiet 4
18276 Lüssow OT Karow

Mail: info@batarow.com
Phone: +49 (0) 3843-855555
Fax : +49 (0) 3843-855556

Internet:
www.batarow.com