

MB1639

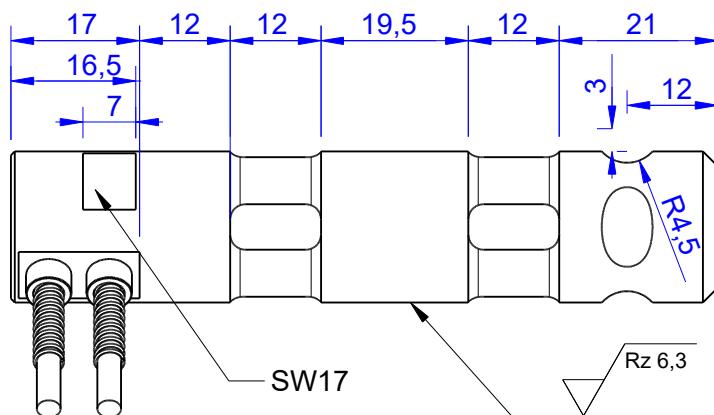
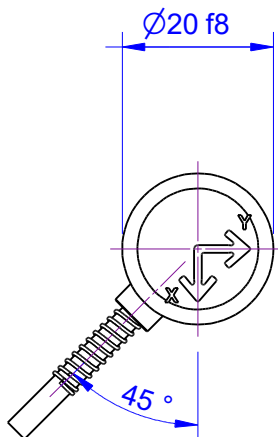
X- Y- Axis -Load Pin

Content of Loadpin Datasheet

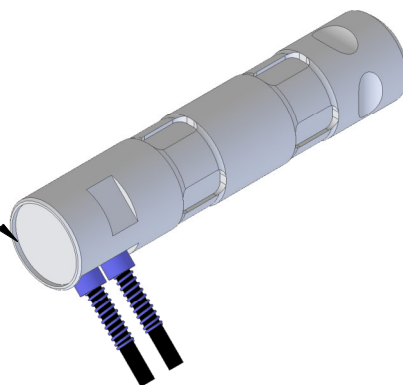
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Marking:
Loadpin: MBx
Orderno.: MBx-xxx-x-x
Serialno.: xxxxxxxx
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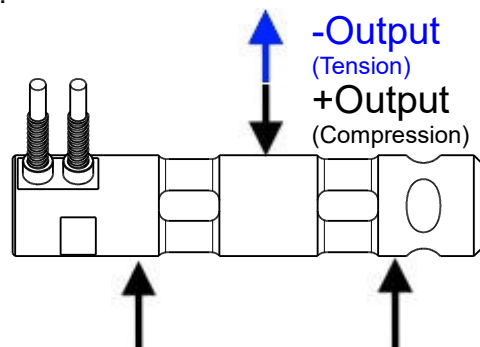
Ordernumber	Capacity [kN] (F.S.)	Uncertainty [kN] (k=2)	Review
MB1639-2-x-B	2	± 0,010	B
MB1639-5-x-B	5	± 0,025	B
MB1639-10-x-B	10	± 0,050	B
MB1639-20-x-B	20	± 0,100	B
MB1639-30-x-B*	30	± 0,150	B

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

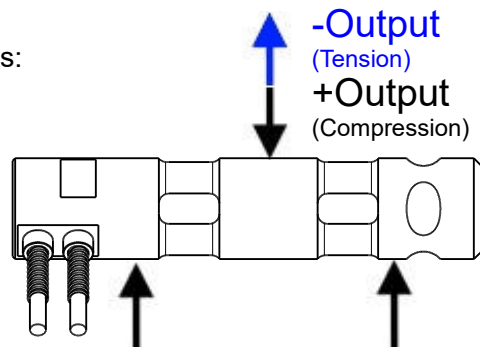
Specifications:

Dimension / Material		Stainless Steel
Material		IP 66
Protection class		40...45
Hardness (load area)	HRC	
Mechanical Data		
Safe Load Limit	% of F.S.	120
Breaking Load	% of F.S.	200
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:



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Mounting Situation

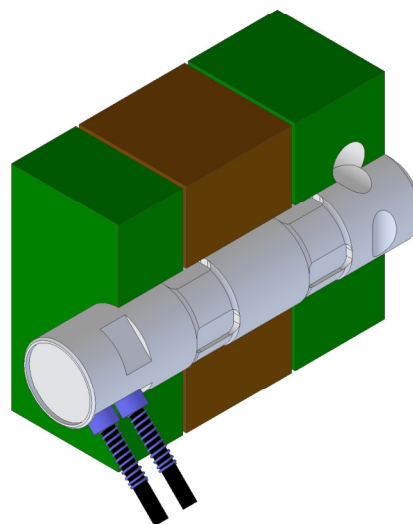
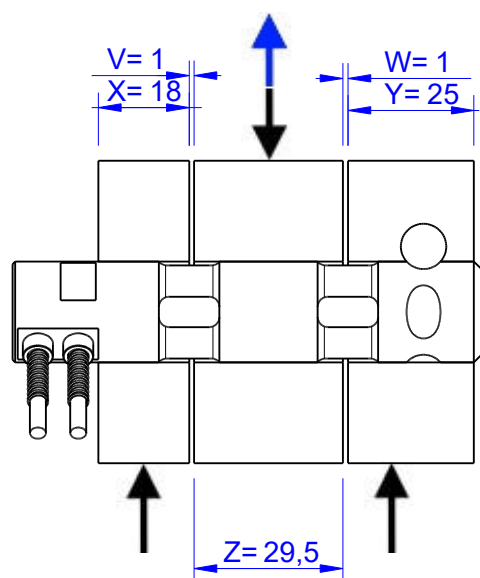
MB1639 Review: B

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

MB1639 Review: B

Analog Output mV/V (S1)

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

Wiringcode: WC52 2x			
Cabeling: 2x24-4 PUR (Length = 5 m)			
+Us (Fx)	brown	+Us (Fy)	brown
-Us (Fx)	white	-Us (Fy)	white
+Ud (Fx)	green	+Ud (Fy)	green
-Ud (Fx)	yellow	-Ud (Fy)	yellow

Ordernumber Add-On:
MBxxx-x-S1-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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