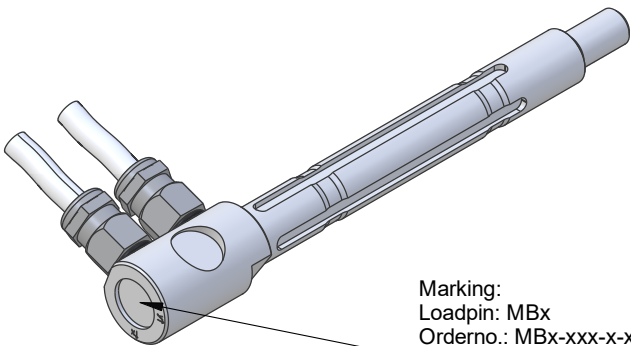
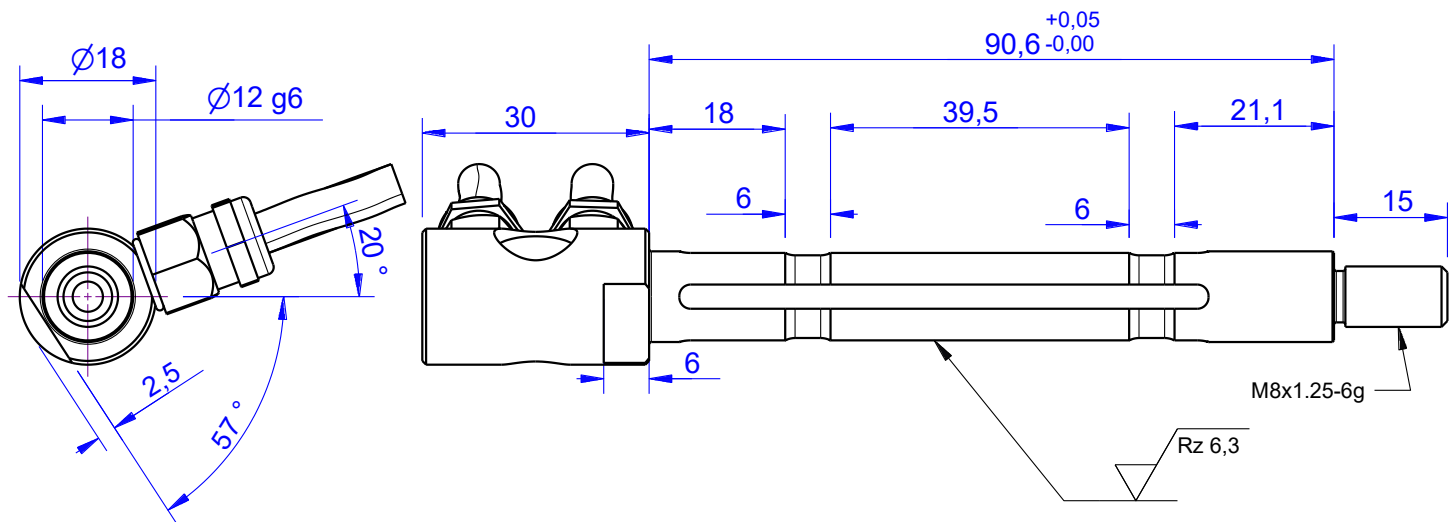


MB1891

X-Y Load Pin

Content of Loadpin Datasheet

Page 1 ... General
Page 2 ... Mounting Situation
Page 3 ... Output Signal & Wiring



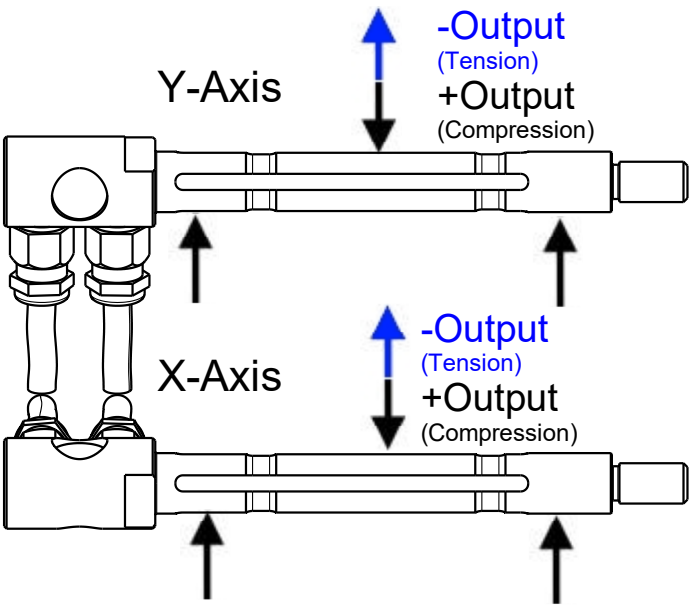
Marking:
Loadpin: MBx
Orderno.: MBx-xxx-x-x
Serialno.: xxxxxxxx
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Ordernumber	Capacity [kN] (F.S.)	Uncertainty [kN] (k=2)	Review
MB1891-2-x-D	2	$\pm 0,01$	D
MB1891-4-x-D*	4	$\pm 0,02$	D

* 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.	$\pm 0,5$
Nonrepeatability	% of F.S.	$\pm 0,25$
Hysteresis	% of F.S.	$\pm 0,2$
Temp. Shift Zero	% of F.S./K.	$\pm 0,05$
Temp. Shift Span	% of F.S./K.	$\pm 0,05$
Temperature		
Compensated Temp.	°C	-10...+60
Operating Temp.	°C	-20...+120



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

Mounting Situation

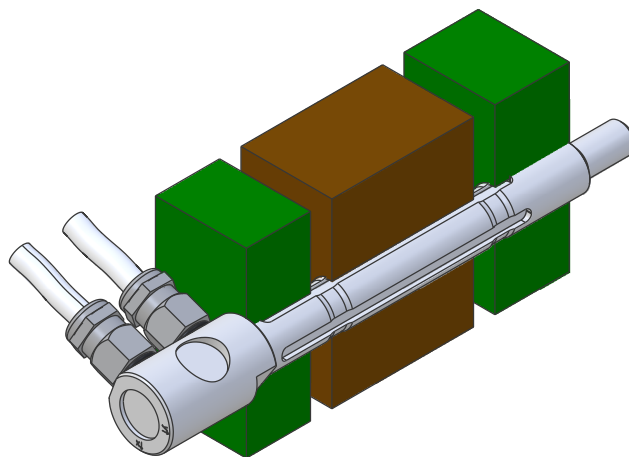
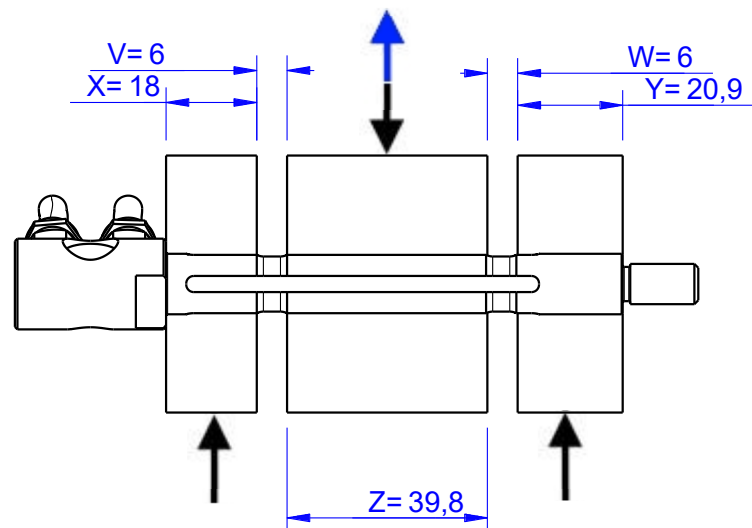
MB1891 Review: D

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

MB1891 Review: D

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: WC52		Cabletype: 4x0,15 ALMI HAFL-C		
Cable Length	Excitation (+)	Excitation (-)	Bridge (+)	Bridge (-)
3 m	brown	white	green	yellow

Ordernumber Add-On:

MBxxx-x-S1-x

* the input resistance could also be changed to 1000±200Ohm because of availability of strain gages

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Fax : +49 (0) 3843-855556

Internet:
www.batarow.com