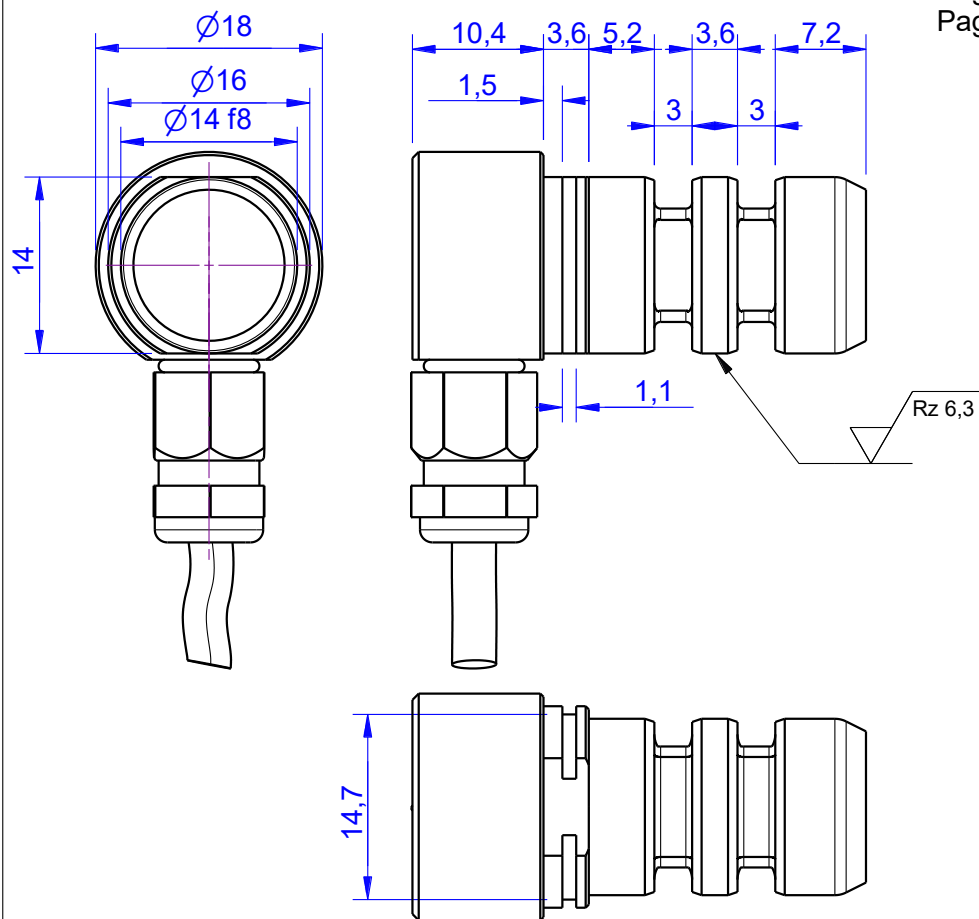


MB1786

Load Pin



Content of Loadpin Datasheet

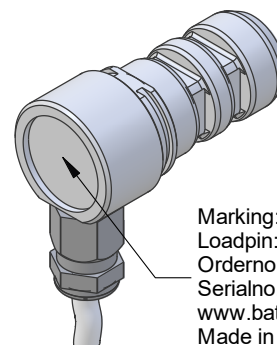
Page 1 ... General

Page 2 ... Mounting Situation

Page 3 ... Output Signal & Wiring

Ordernumber	Capacity [kN] (F.S.)	Uncertainty [kN] (k=2)	Review
MB1786-0,2-x-D*	0,2	± 0,001	D
MB1786-0,5-x-D	0,5	± 0,004	D
M1786-1-x-D	1	± 0,005	D
MB1786-2-x-D	2	± 0,010	D
MB1786-3-x-D	3	± 0,015	D

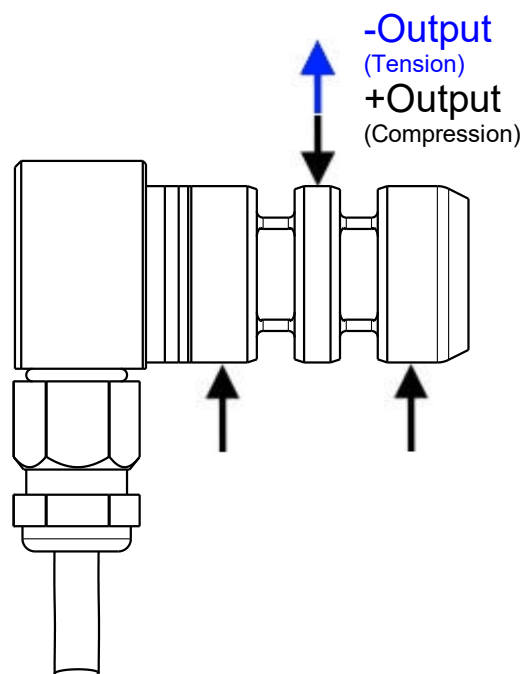
* above showed version
fixed dimensions don't change at other capacity



Marking:
Loadpin: MBx
Orderno.: MBx-xxx-x-x
Serialno.: xxxxxxxx
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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



Batarow
Made in Germany

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Gewerbegebiet 4
18276 Lüssow OT Karow

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Phone: +49 (0) 3843-855555
Fax : +49 (0) 3843-855556

Internet:
www.batarow.com

Mounting Situation

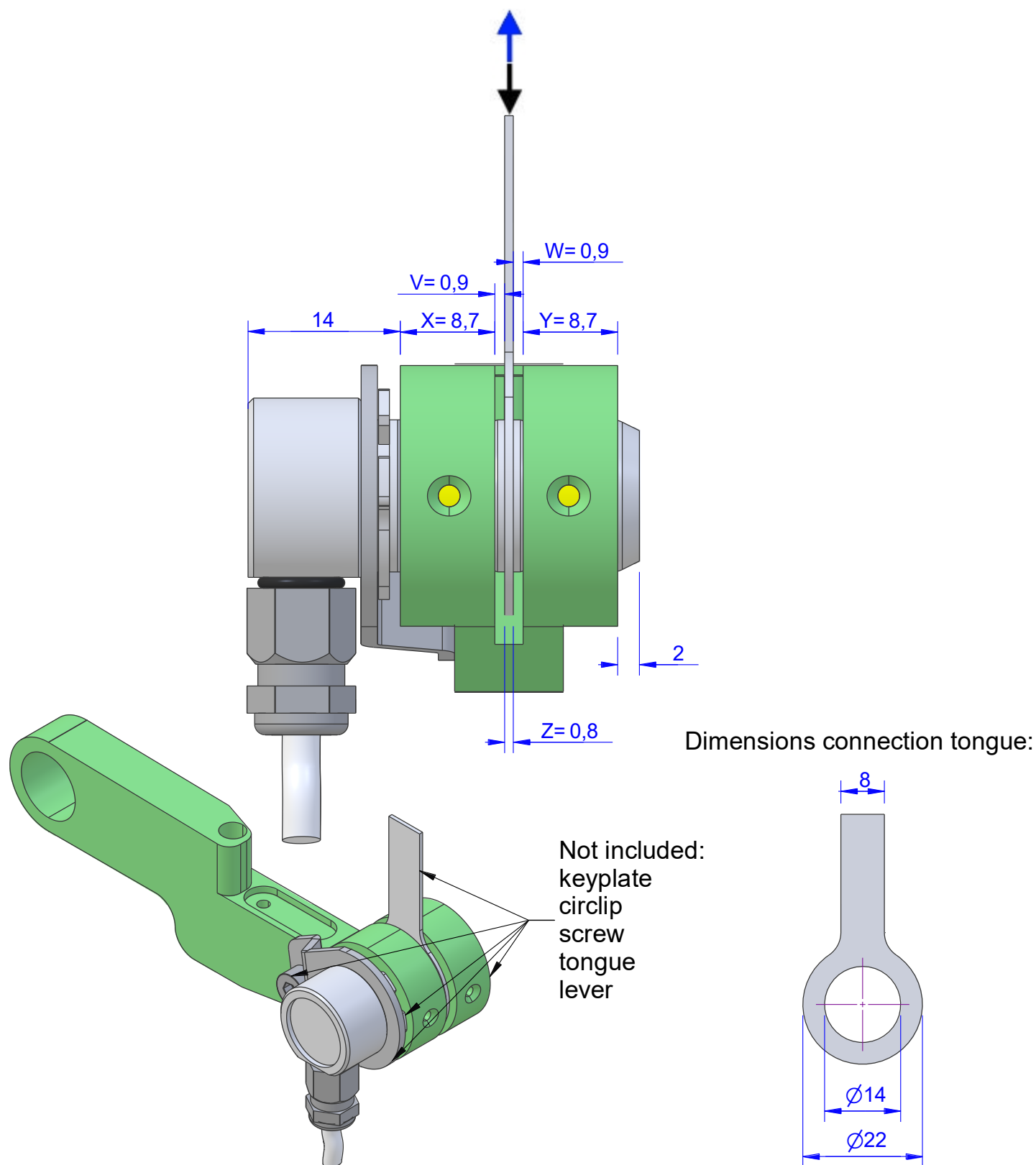
MB1786 Review: D

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)



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Output Signal & Wiring

MB1786 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: 24-4 / 4x0,14mm ²		
Cable Length	Excitation (+)	Excitation (-)	Bridge (+)	Bridge (-)
3 m	brown	white	green	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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