

MB2212

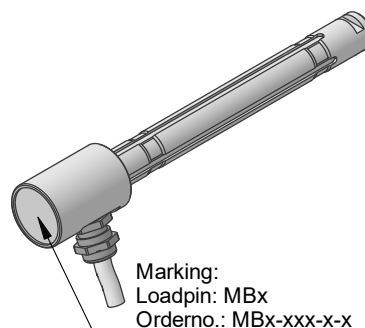
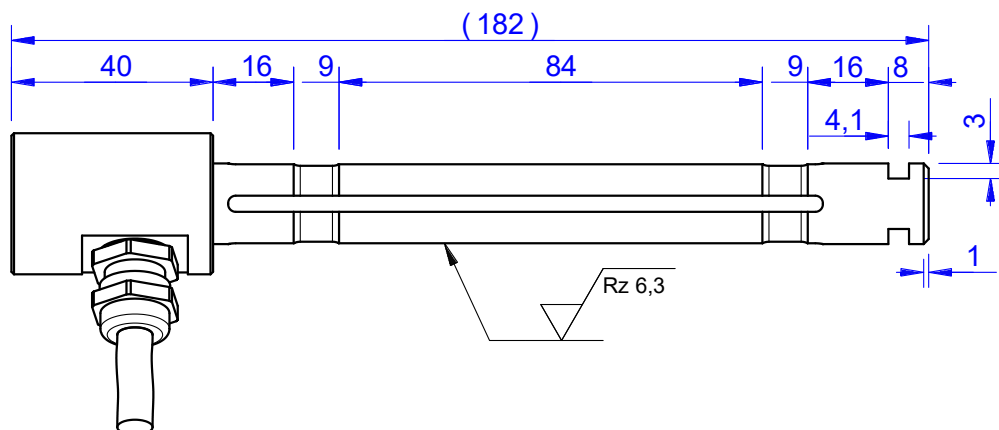
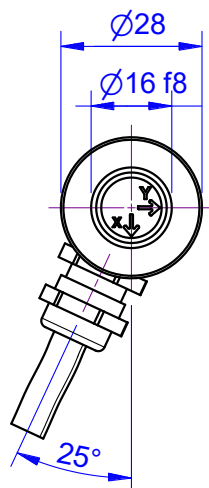
X-Y Load Pin

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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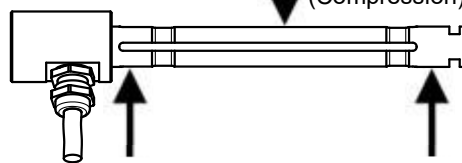
Ordernumber	Capacity [kN] (F.S.)	Uncertainty [kN] (k=2)	Review
MB2212-0,5-x-D*	0,50	$\pm 0,010$	D
MB2212-0,75-x-D	0,75	$\pm 0,015$	D
MB2212-1-x-D	1,00	$\pm 0,020$	D

* above showed version
fixed dimensions don't change at other capacity
Attention! Rated output signal: 0,15 mV/V

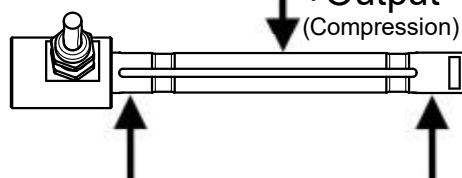
Specifications:

Dimension / Material		
Material		Stainless Steel
Protection class		IP 66
Hardness (load area)	HRC	40..45
Mechanical Data		
Safe Load Limit	% of F.S.	2000
Breaking Load	% of F.S.	3000
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...+70

X-Axis:



Y-Axis:



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Mounting Situation

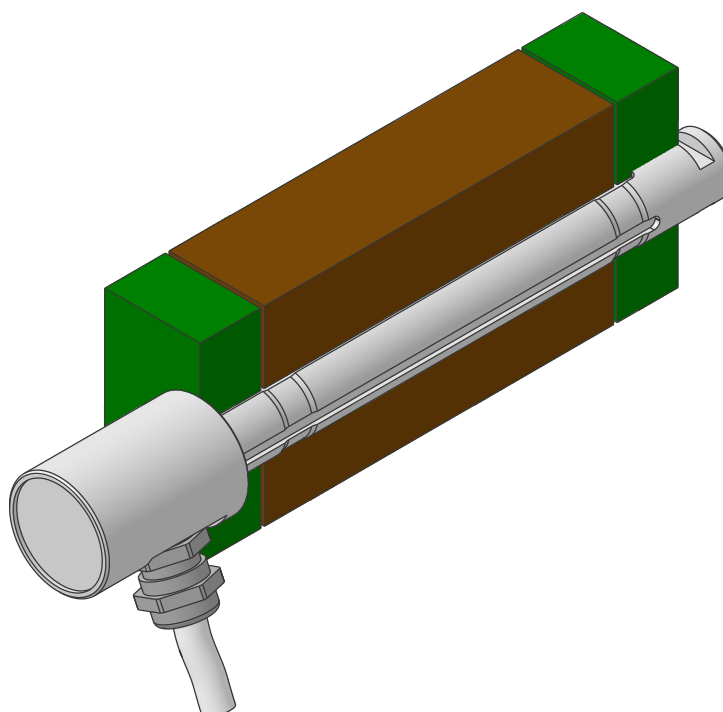
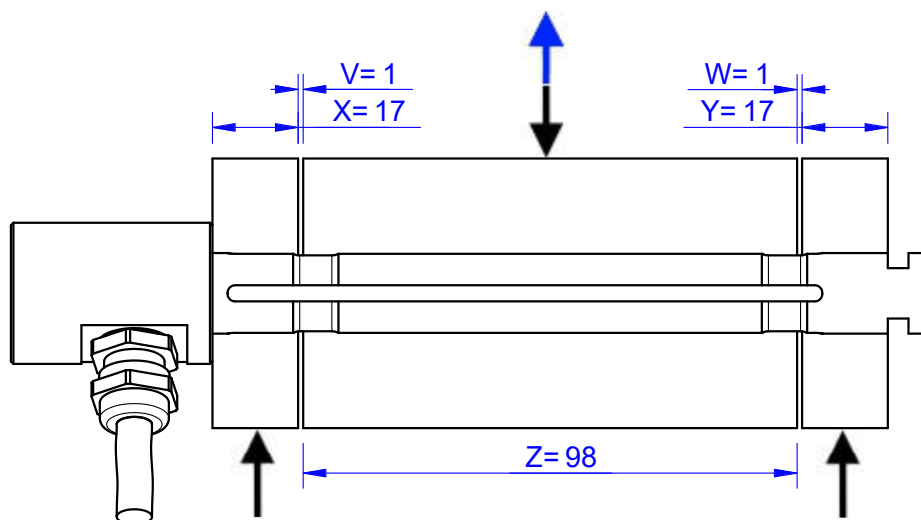
MB2212 Review: D

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

MB2212 Review: D

Analog Output mV/V (S1)

Electrical Data		
Rated Output	mV/V@F.S.	0,15
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: WC59			
Cabeling: 3m 4x2x0,14 Unitronic FD CP (TP) Plus			
+Us (X-Axis)	brown	+Us (Y-Axis)	pink
-Us (X-Axis)	white	-Us (Y-Axis)	grey
+Ud (X-Axis)	green	+Ud (Y-Axis)	blue
-Ud (X-Axis)	yellow	-Ud (Y-Axis)	red

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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