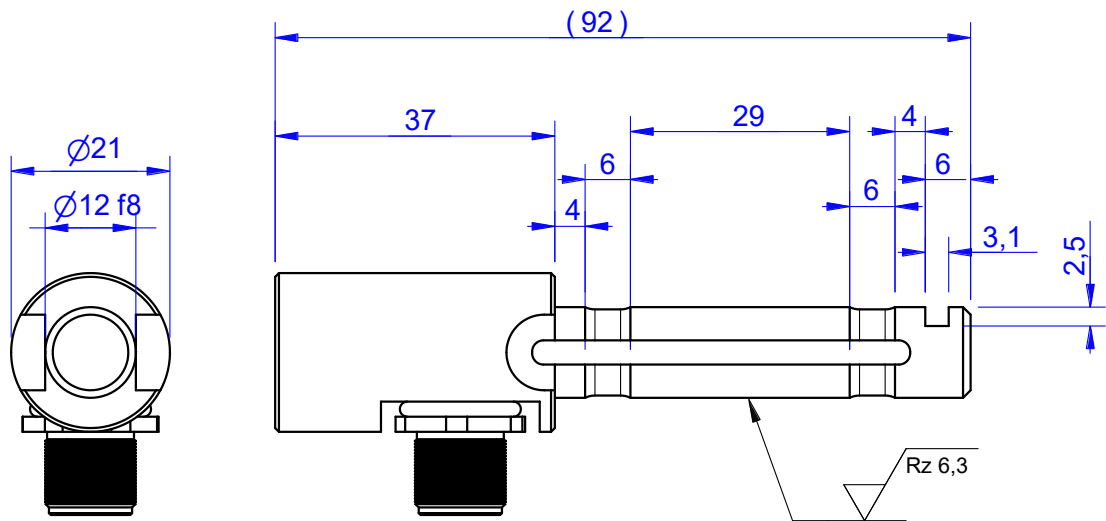
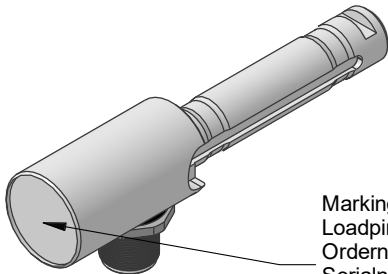




Ordernumber	Capacity [kN] (F.S.)	Uncertainty [kN] (k=2)	Review
MB2284-1-x-A	1	$\pm 0,005$	A
MB2284-2-x-A	2	$\pm 0,010$	A
MB2284-4-x-A	4	$\pm 0,020$	A
MB2284-5-x-A	5	$\pm 0,025$	A
MB2284-6-x-A*	6	$\pm 0,030$	A

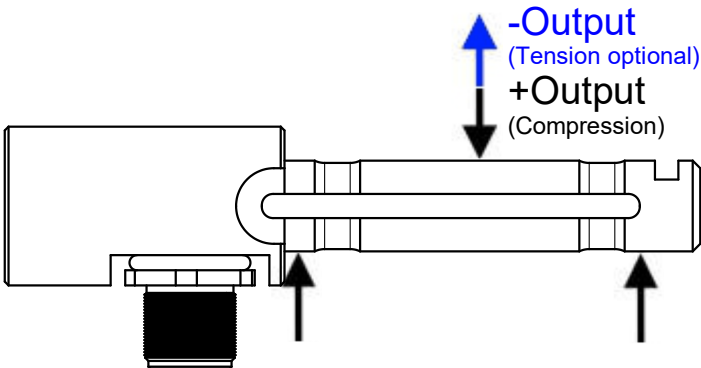
* above showed version
fixed dimensions don't change at other capacity



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

Dimension / Material		
Material		Stainless Steel
Protection class		IP 64
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...+70



Mounting Situation

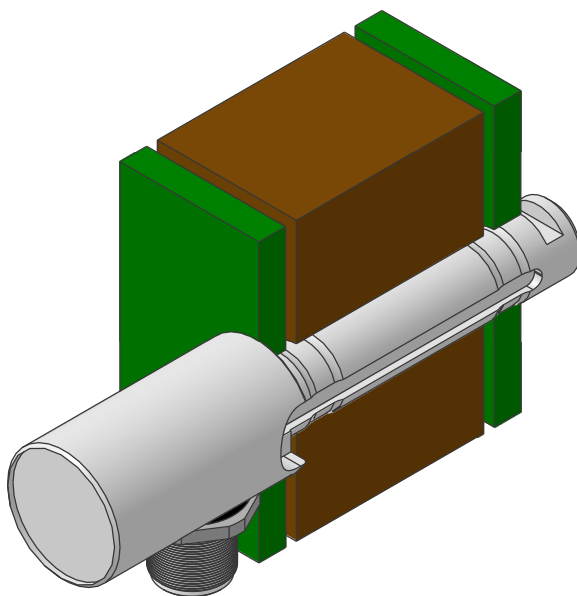
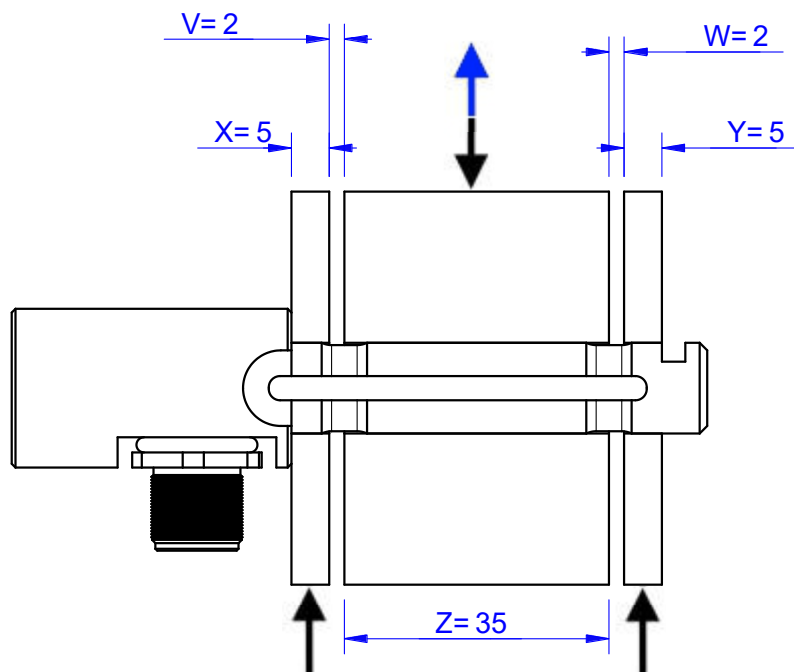
MB2284 Review: A

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

MB2284 Review: A

Analog Output mV/V (S1)

Electrical Data S1		
Rated Output @ F.S.	mV/V	1
Zero Balance	mV/V	±0,05
Supply Voltage Maximum	V	10
Input Resistance	Ω	450±100
Output Resistance	Ω	352±2
Insulating Resistance	GΩ	>5

Wiringcode: WC58		Connectortype: M12 (male)			
	View: plug side	Exitation (+)	Exitation (-)	Bridge (+)	Bridge (-)
		Pin 1	Pin 2	Pin 3	Pin 4

Ordernumber Add-On:
MBxxx-x-S1-x

Analog Output 0V..10V (U4)

Electrical Data U4		
Output @ -F.S.	V	0
Output @ 0 kN	V	5
Output @ +F.S.	V	10
Supply Voltage	V	14...28
Current Consumption	mA	20 (@ 24V)
Bandwidth	Hz	1000

Wiringcode: WC46		Connectortype: M12 (male plug)			
	View: plug side	Supply (+)	Output	GND	Tara
		Pin 1	Pin 4	Pin 3	Pin 2

Ordernumber Add-On:
MBxxx-x-U4-x

Analog Output 4..20mA (I4)

Electrical Data I4		
Output @ -F.S.	mA	4
Output @ 0 kN	mA	12
Output @ +F.S.	mA	20
Supply Voltage	V	9...28
Current Consumption	mA	20 (@ 24V)
Bandwidth	Hz	1000

Wiringcode: WC46		Connectortype: M12 (male plug)			
	View: plug side	Supply (+)	Output	GND	Tara
		Pin 1	Pin 4	Pin 3	Pin 2

Ordernumber Add-On:
MBxxx-x-I4-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.

Batarow
Made in Germany

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