



Features

- Mechanical force gauge with continuous, unidirectional measuring shaft for push and pull force
- Analog scale with Newton and kg units readable in parallel
- Rotatable display for zeroing (tare function)
- Drag pointer function for easy reading of the peak value

Technical data

		Order No.:				
		FMI-M20B2	FMI-M20B5	FMI-M20C1	FMI-M20C2	FMI-M20C5
Capacity F(nom)*	N	20	50	100	200	500
Scale Marking	N	0,1	0,2	0,5	1	2
Accuracy	% F(nom)	3				
Reproducibility*	% F	0,6				
Repeatability*	% F	0,6				
Hysteresis*	% F	1,5				
Measuring principle		Unidirectional measuring spring with translation of the linear expansion on a circular scale.				
Nominal deflection*	mm	10				
Measuring shaft		M6 (7mm)				
Max. operating force*	% F(nom)	100				
Breaking force*	% F(nom)	100				
Display		Analog scale, diameter 50 mm				

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Alluris GmbH & Co. KG | Basler Straße 65 | 79100 Freiburg | Germany

Tel: 0761 47979 3 | e-mail: info@alluris.de

www.alluris.de/en

Operation modes	Track	Currently applied force
	Peak (real-time)	Drag Pointer Function
Temperature (operation)*	°C	10 ... 30
Protection code (EN 60529)		IP00
Housing	Material	Plastic
	LxWxH (mm)	190 x 60 x 50
	Weight (kg)	0,55
	Mounting	4 M3x14

*) according VDI/VDE/DKD 2638 at 0,2 ...1 x F(nom) **) according DIN 1319-1

Scope of Supply

Force gauge with force introduction parts (hook, flat head, groove head, pressure cone), extension shaft, 5 M3x14 fixing screws and operating instructions in protective case. DAkkS Calibration Certificate (ISO 17025 accredited) please order separately.

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