

# MFE3 Railcar Pressure Gauge Ø 63

Pressure gauge controlling the brake and suspension systems

Brass or stainless steel box

2-colour scale per brake circuit

Pressure gauges designed to be mounted externally in order to control the brake or suspension systems of the bogies.



## Characteristics (20°C)

	MFE31	MFE31	MEX3FE
<b>Type</b>	Brake system	Suspensions	Brake system
<b>Measurement ranges</b>	0...6 bar	0...10 bar	0...6 bar
<b>Graduations</b>	None green area 0...0.3 bar red area 0.3...6 bar	1 graduation every 1 bar white background black indication	None green area 0...0.25 bar red area 0.25...6 bar
<b>Accuracy</b>	±50 mbar...0.3 bar ±250 mbar ... 0.3...6 bar	±0.2 mbar de 0...2.5 bar and 7.5...10 bar ±0.1 bar ... 2.5...7.5 bar	±50 mbar ... 0...0.25 bar ±350 mbar ... 0.25...6 bar
<b>Operating temperature</b>	-20...+60°C	-20...+60°C	-254...+60°C
<b>Permissible overpressure</b>	6.5 bar		6.5 bar
<b>Connection</b>	M10x100	M10x100	M10x100
<b>Box</b>	Nickel brass	Nickel brass	1.4301 stainless steel sheet
<b>Bezel</b>	Nickel brass	Nickel brass	1.4031 stainless steel sheet
<b>Driving mechanism and connection</b>	CuSn8 bronze	CuSn8 bronze	1.4404 stainless steel
<b>Movement</b>	Copper alloy	Copper alloy	Stainless steel
<b>Dial</b>	Aluminium alloy	Aluminium alloy	Stainless steel
<b>Pointer</b>	Aluminium alloy	Aluminium alloy	Aluminium alloy
<b>Gauge glass</b>	Methacrylate (10.7g)	Methacrylate (10.7g)	Polycarbonate M2 according to NFP92-507 (8.3g)
<b>Glass seal</b>	Rubber	Rubber	Non self-extinguishing nitrile PVC (2.1g)
<b>Vent</b>	Brass and steel calibrated to 1.5 bar, positioned on the upper part or in the top	Brass and steel calibrated to 1.5 bar, positioned in the rear	Non self-extinguishing nitrile PVC (0.4g)
<b>Coupling gasket</b>	Leather M10x100	Leather M10x100	Alu M10x100 Thickness 1.5
<b>Filling</b>	BH2	BH2	None

## MFE Coding

		MFE3xxx	
<b>Type</b>	<b>1' ... 4' character</b>		
Brass pressure gauge		MFE3	
<b>Number of circuits</b>	<b>5' character</b>		
1		1	
<b>Type of measurement</b>	<b>6' character</b>		
Brake system		F	
Suspension		S	
<b>Vent position</b>	<b>7' character</b>		
Top part		D	
Rear part		A	

Stainless steel pressure gauge: **MF3F70XRSAB1** code