

Fact Sheet

BIZERBA

iL Professional 800F/MP

Load receptor iL Professional 800F/MP impresses due to its simple but robust design. Due to its flexible use whether floor mount or pit mount it shows its true strength up to a load capacity of 800 kg.



More information
High performance with a wide range of solutions and options.

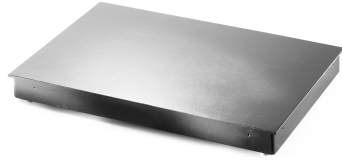
Specifications	Facts	Details
Weighing range	30-600 kg	Interval: 10-200 g
Strain gauge load cell made of stainless steel	Load cell nominal load up to 50 kg	Design load 1: 150 kg
		Design load 2: 120 kg Design load 3: 60 kg
	Load cell nominal load up to 100 kg	Design load 1: 350 kg Design load 2: 280 kg Design load 3: 180 kg
	Load cell nominal load up to 200 kg	Design load 1: 750 kg Design load 2: 600 kg Design load 3: 400 kg Wheel load: 150 kg Axle load: 300 kg
Dimensions	800x600 mm	Load platter
	800x800 mm	
	1,000x800 mm	
Materials	All stainless steel	
	Painted steel	
Overall height	81 mm	Level adjustment by means of foot screws, approx. + 5 mm
Mounting method	Free-standing	With four fixing plates
	Built-in	With pit frame
IP rating	IP67	With load cells
	IP68	Cable junction box
Explosion-proof version	Zone 1/21	Load cells in Ex ib version for Ex zone 1/21
	Zone 2/22	Additional plate for Ex zones 2/22
Ambient temperature	+10 °C to +40 °C	Operation
	50 °C to +85 °C	Storage
Net weight of device	approx. 43 kg	Dimension 800x600 mm
	approx. 51 kg	Dimension 800x800 mm
	approx. 60 kg	Dimension 1,000x800 mm

Options	Facts	Details
Pit frame	Stainless steel or painted Welded version	Dimension 800 x 600 mm Dimension 800 x 800 mm Dimension 1,000 x 800 mm

Pit support plates

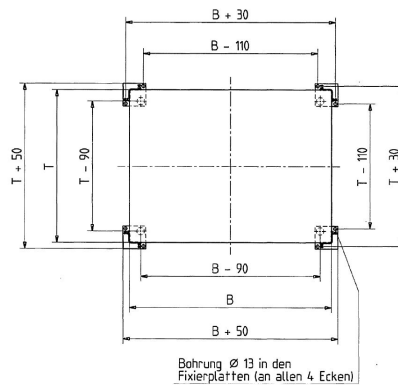
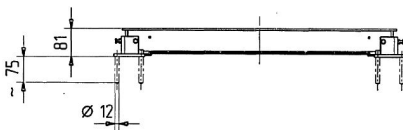
Version, stainless steel

Required if pit/pit frame available

Info graphics

Symbols

IP65 protection	Multi-point	EX zone 1/21	EX zone 2/22	Painted steel	Stainless steel	Pit	Table	Floor

Dimensional drawings

B x T	Gewicht des Lastaufnehmers
800 x 600	ca. 43 kg
800 x 800	ca. 51 kg
1 000 x 800	ca. 60 kg

See also

[Tabelle_iL_Professional_800FMP.pdf](#) [] 3]

Weighing range	metrologically approved interval	Dimensions	Load cell	max. preload	Version		
					All stainless steel	Electrolytically stainless steel	Ex
30 kg	10 g		Z6FC3	100 kg	X	X	X
60 kg	20 g		Z6FC3	200 kg	X	X	X
150 kg	50 g		Z6FC3	150 kg	X	X	X
300 kg	100 g		Z6FC3	300 kg	X	X	X
600 kg	200 g		Z6FC3	60 kg	X	X	X
60 kg	10 g	800 x 600 mm	Z6FC6	80 kg	X	X	X
120 kg	20 g	800 x 800 mm	Z6FC6	200 kg	X	X	X
300 kg	50 g	1000 x 800 mm	Z6FC6	300 kg	X	X	X
600 kg	100 g		Z6FC6	60 kg	X	X	X
30/60 kg	10/20 g		Z6FC3	100 kg	X	X	X
60/150 kg	20/50 g		Z6FC3	200 kg	X	X	X
150/300 kg	50/100 g		Z6FC3	300 kg	X	X	X
300/600 kg	100/200 g		Z6FC3	60 kg	X	X	X

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