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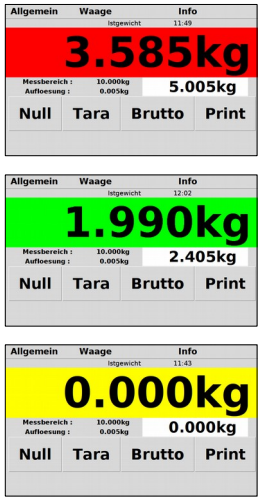
PDS_556_EN

Weighing Indicator

WEPI-18

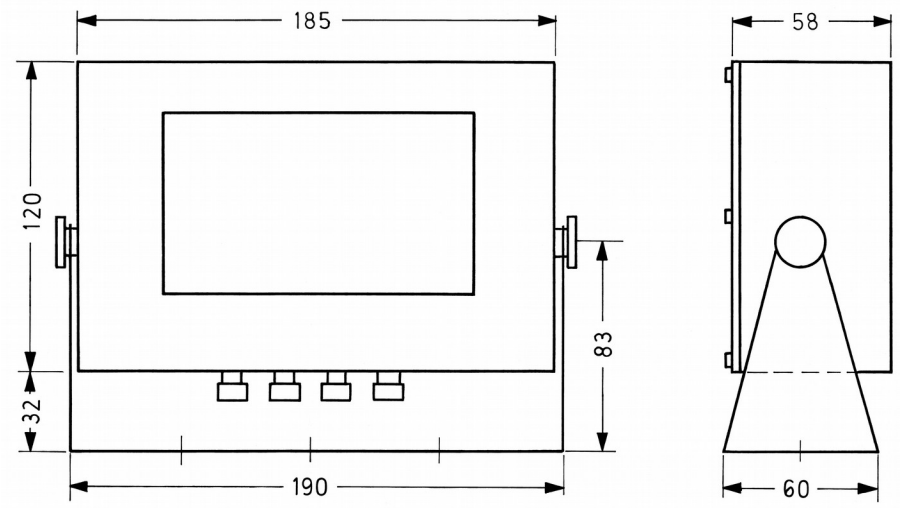
Weighing Instrument with Touchscreen Display in IP65 Stainless Steel Housing



Characteristics:

- 5” Touchscreen Display (HDMI 800x480)
- Internal 24-bit Converter
- Operating System based on Linux
- Serial Interface RS232 (for Printer or PC)
- Analog Output 4-20mAmps (for PLC)
- IP65 Stainless Steel Housing
- For Supply 24VDC or 230VAC (with optional power supply unit)

Dimensions:



Dimensions in mm.

 Specifications are subject to change without notice.

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Technical Specifications:

Maximum Resolution	d	10,000
Input Sensitivity	µV/d	0.33
Zero Range	mV/V	2.5
Analog Input Range / Measuring Range	mV/V	3
Internal Resolution		8,388,608
A/D Converter		24-bit
Sampling Rate	1/s	8
Digital Filter		Average of 10 Measurements
Display		5“ HDMI Touchscreen
Load Cell Connection		4-wire (plus screen)
Maximum Number of Load Cells	Ω	4 x 350
Maximum Load Cell Resistance	Ω	35,000
Minimum Load Cell Resistance	Ω	87
Maximum Power Consumption (at 4x350Ω Load Cells)	W	4.8
Load Cell Excitation	V DC	5 (max. 125mAmps)
Non-Linearity of Measuring Range	%	0.018
Temperature Coefficient of Zero Signal per 10K	%	0.003
Temperature Coefficient of Sensitivity per 10K	%	0.006
Supply Voltage	V DC	24 (18-28)
Current Consumption	A	0.2
Optional Supply Voltage (Power Supply Unit)	V AC	230 (85-264)
- Supply Frequency	Hz	50 – 60
- Nominal Current	A	0.3 – 0.1
Outputs / Interfaces		
- Serial Interface RS232 (for Printer/PC)		yes
- Analog Output 4-20mAmps (for PLC)		yes
Weighing Functions		Zero, Tare, Net and Gross Display,
		Settable Thresholds (Graphic Distinction).
Operating Conditions		
- Service Temperature (Storage Temperature)		-10 to +40°C (-20 to +50°C)
- Humidity		<90% RH, not condensing
Dimensions of Housing with Brackett (WxHxD)	mm	190 x 120 x 60
Weight	kg	1,2
Material of Housing		Stainless Steel
Protection Class to EN 60 529		IP65

Connections:

Connector A Load Cell Connection	
1	Load Cell Excitation +
2	Load Cell Excitation -
3	Load Cell Signal +
4	Load Cell Signal -
5	Screen

Connector B Supply & Analog Output		
1	Screen / Earth	
2	Supply +	18-28V DC approx. 200mAmps
3	Supply -	
4	4-20mA	max. 300Ω
5	GND	

Connector C Serial Interface		
1	RS232 – TXD	(Sub-D Pin 2)
2	RS232 – RXD	(Sub-D Pin 3)
3	RS232 – GND	(Sub-D Pin 5)