

DATA SHEET

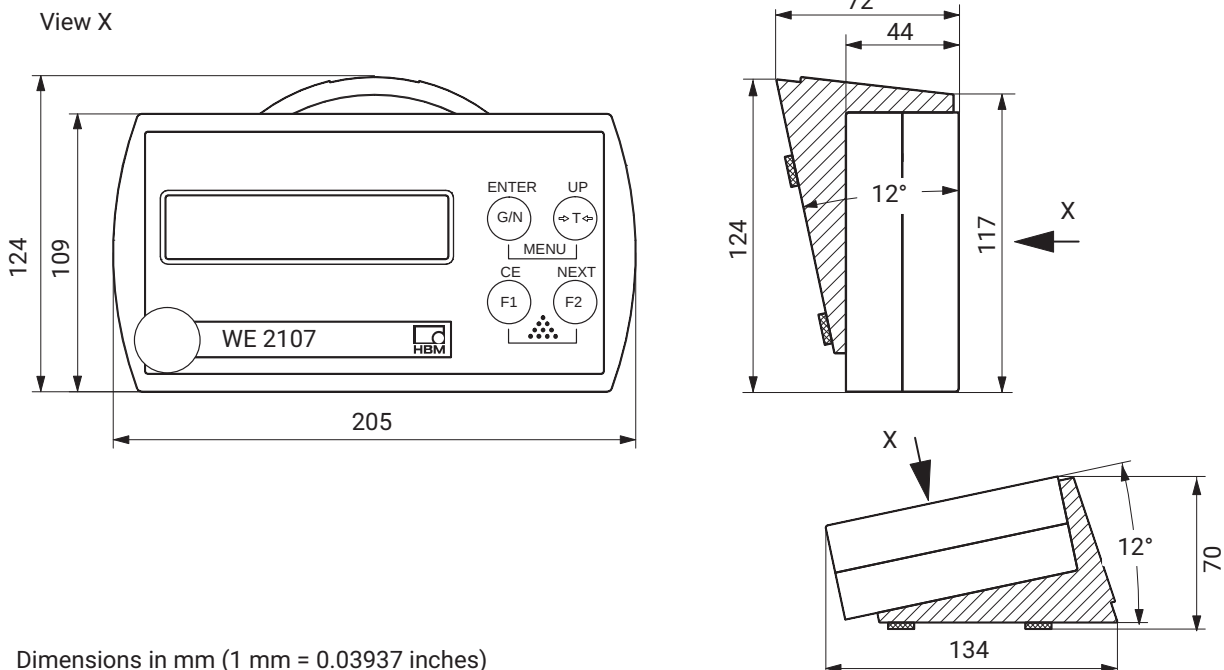
WE2107 Weighing indicator (NAWI)

SPECIAL FEATURES

- OIML test report to 6000 d
- Use as 1, 2 or 3-range scale
- Four limit value switches with hysteresis
- RS 232 interface
- Two digital control inputs
- Four digital outputs (limit value switches or filling/batching control)
- Degree of protection IP65



DIMENSIONS



SPECIFICATIONS

Type		WE2107
Max. number of calibration values as per OIML R76 (Class III, IIII)	d = e	6000; Multirange
Multi-range application	d = e	2x3000; 3x2000
Input sensitivity	μV/e	≥ 0.6 ¹⁾
Measuring range	mV/V	± 2; max. ± 3.2
Minimum load cell resistance	Ω	58
Maximum load cell resistance	Ω	4000
Load cell supply	V _{DC}	5
Cable length between WE2107 and load cell(s)	m	max. 100 (206 m/mm ²) ¹⁾
Data rate	Meas./s	200
Filter, adjustable, FMD0	Hz	0.0625 0.125 0.25 0.5 1 2 4 8 25
Cut-off frequency (-3 dB)	ms	16000 8000 4000 2000 1000 500 250 125 80
Settling time	Hz	2 2.5 3 4 5 6 7 8 10
FMD1	ms	566 450 380 310 240 170 160 150 140
Cut-off frequency (-3 dB)		
Settling time		
Voltage supply without connected analog output	V _{DC}	12...30; 24 nominal
Voltage supply with connected analog output	V _{DC}	18 ... 30; 24 nominal
Power consumption (incl. lighting)	W	6
Display		LCD with backlighting
Character height	mm	20
Status display		Zero, net, standstill, unit, range
Keys		Membrane keypad (tactile feedback)
Number of digital inputs		2
Input voltage IN1/2, Low	V	0...1.0
Input voltage IN1/2, High	V	3...30
Input resistance	kΩ	10
Number of digital outputs (High side switch)		4
Max. output current/output	A	0.6
Voltage supply, outputs	V	12...30; 24 nominal
Interface (COM1)		RS 232
Baud rate, adjustable	Bd	1200 ... 38400
Interface functions (COM2)		Print, serial display (automatic output), PC connection via RS 232
Nominal (rated) temperature range	°C	-10 ... +50 (-10 ... +40) ¹⁾
Operating temperature range	°C	-20 ... +60
Storage temperature range	°C	-40 ... +85
Connection/screw connection		4xPG7
Weight, approx.	kg	1
Degree of protection per EN 60 529 (IEC 529)		IP65
Interference immunity (EMC) as per EN 45 501 (3 V/m)		Additionally tested to 10 V/m
Housing material		ABS, halogen-free

¹⁾ In accordance with OIML R76, legal for trade

Order No.: 1-WE2107-1

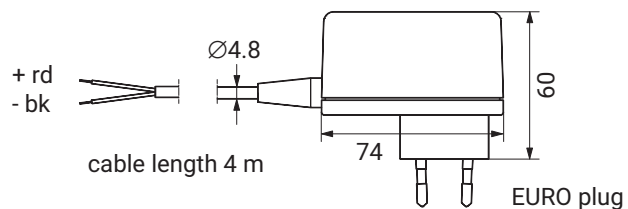
Accessories

Included in scope of supply:

- CD ROM with WE2107 Panel Program
- Command description for PC connection
- Documentation

To be ordered separately:

- Plug-in power supply unit (100 ... 240 V), do not use for operation with analog output, Order No.: 1-AC/DC15V/550mA



Housing: Degree of protection IP40

Dimensions in mm (1 mm = 0.03937 inches)

Hottinger Brüel & Kjaer GmbH

Im Tiefen See 45 · 64293 Darmstadt · Germany
Tel. +49 6151 803-0 · Fax +49 6151 803-9100
www.hbkworld.com · info@hbkworl.com

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