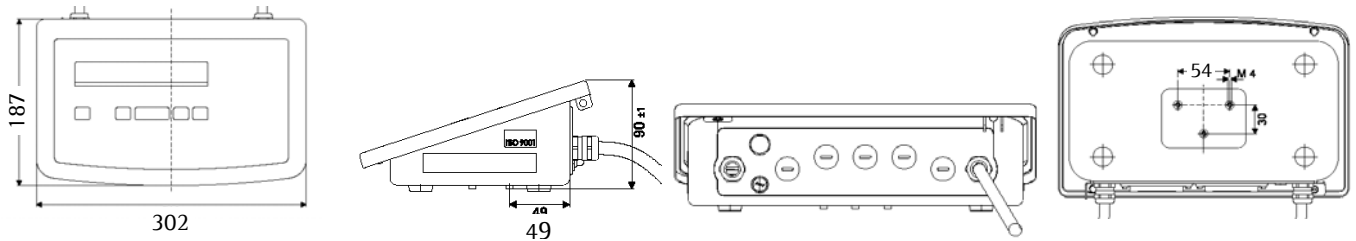


Combics CIS1- Scale Indicator



- : Display 20mm LCD, 7-segment for weight readouts, backlit
- : Large keys with positive click action
- : Integrated A/D converter, for connecting analog platforms of the Combics, IU and IF series and of load cells
- : RS-232 interface port, standard feature with cable gland (PG)
- : Port connector for battery operation
- : Optional: 2nd interface port with choice of RS-232, RS-485, RS-422, 0-20mA, Profibus, Bluetooth, Ethernet

Specifications

Maximum readability	31,250 digits
Accuracy class	III III
Number of verification scale intervals (depends on choice of multiple range or multi-interval mode)	<=3000e, 2x 3000e according to EN 45501
Load cell connection	
Supply voltage	9 V
Available sensor technology	4 or 6 wire technology
Bridge impedance	83 ohms to 2,000 ohms
Measuring signal	0.45 mV to 36 mV
Measuring signal for dead load	0.45 mV to 6.3 mV
Measuring signal variation	4.5 mV to 29.7 mV
Measuring signal/ Verification scale interval	0.72 μ V/e1 to 4.75 μ V/e1
Sensitivity	4 million digits max. (internal)
Digital, protected interface	According to EN45501
Data interface	Bidirectional RS-232 with control input; built-in as a standard feature
Additional interface	Optional
Display	20mm LCD, 7-segment, backlit
Housing	
Material	AISI 304
Type of protection acc. to 60529	IP65/67
Temperature range	-10°C to +40°C
Power supply	100-240 VAC (-15 +10%), 50-60 Hz, 17W 23VA max.
DC power supply	Optional 15.5 -24 VDC (+/-10%), 12 W max.
AC power supply	Optional 13 - 17 VAC ((+/-10%), 50-60 Hz, 12W max.
Battery operation	Optional, via an external rechargeable battery pack
Performance specifications of the built-in A/D converter:	Up to 32 t
Weighing capacity	
Power cord length	3 m
Net weight (approx.)	2.3 kg
Limitation of emissions	According to EN61326+A1 Class B (IEC 61326+A1)
Defined immunity to interference	According to EN61326+A1, industrial environments (IEC 61326+A1)
Electrical safety	According to EN61010-1 (IEC 101-1), EN60950 (IEC 950)