



## Specification

Linearity	: <0.001 %
Bridge Supply Voltage	: 5 V DC, 6 wire technique, min. 58 Ohm or 6 x 350 Ohm load cells in parallel
Input Signal Range	: $\pm 3$ mV/V, Resolution 0,05 $\mu$ V/d $\approx$ 200.000 d at 2 mV/V
Signal Filter	: IIR Filter (19.7 ... 2.5 Hz) or FIR Filter (18 ... 0.25 Hz) selectable
Analogue Output	: 0 ... 20 mA / 4 ... 20 mA / 0 ... 10 V / 0 ... 5 V / $\pm 10$ V / $\pm 5$ V, 14-Bit-DAC, freely programmable to follow the Gross, Net, Max, Min or Average weight values
Digital Display	: 6 Digit, 5.1 mm LED and 8 Status LED's
ADC Resolution	: 19 Bit A/D Converter, 600 Readings/Second
Digital Logic Inputs	: 2 optically isolated; 10 ... 30 V DC <3.5 mA, for external control (remote tare etc.)
Digital Logic Outputs	: 3 optically isolated, maximum load 30 V DC / 0.5 A
Computer Interfaces	: 2 wire RS485 or 4 wire RS422, not isolated, 9.600 ... 115.200 baud Bus address from 0 ... 255 for up to 32 devices on a bus, Ethernet Network Connector (RJ45)
Temperature Effect	: <4 ppm/°C on the Zero point and <8 ppm/°C on the Span reading
Temperature Range	: -10 °C ... +55 °C
Housing	: PCB housed in a plastic case (PC/ABS), IP40, DIN Rail Mounting (TS 35)
Dimensions	: 120 x 105 x 22.5 mm, Weight approximately 170 g
Supply Voltage	: 10 ... 30 V DC, max. 4 Watt, galvanically isolated
EMC / Approvals	: CE to 2011/77/EC, 2004/108/EC
Test Certificate	: OIML R-76 Class III: 10.000 e; e = 0,2 $\mu$ V/VS1 Approval Number DK 0199.422