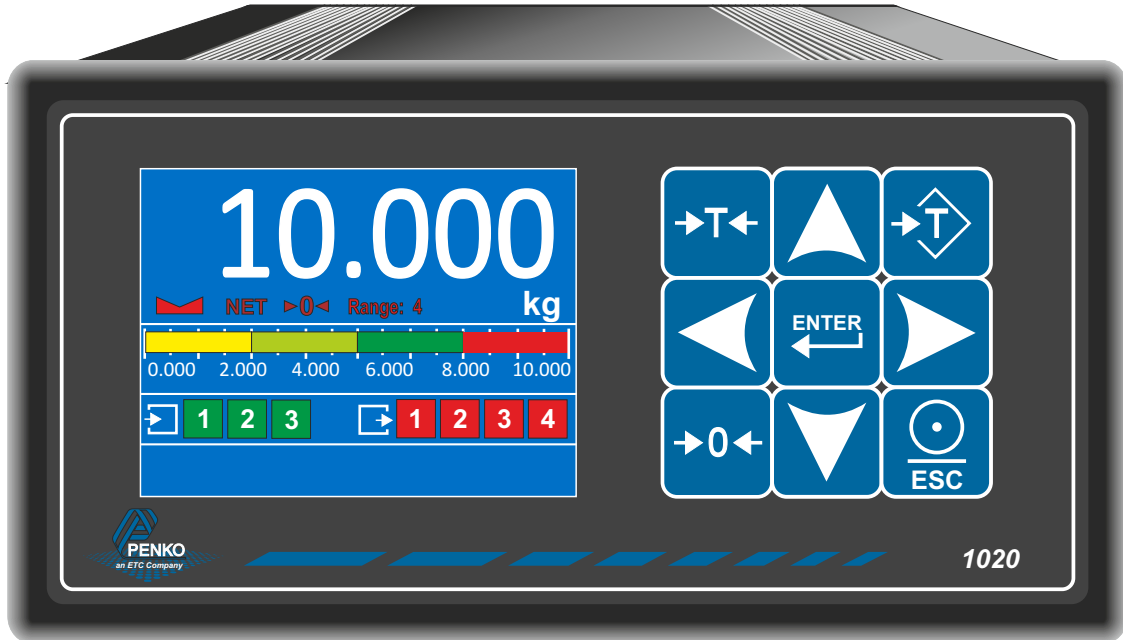


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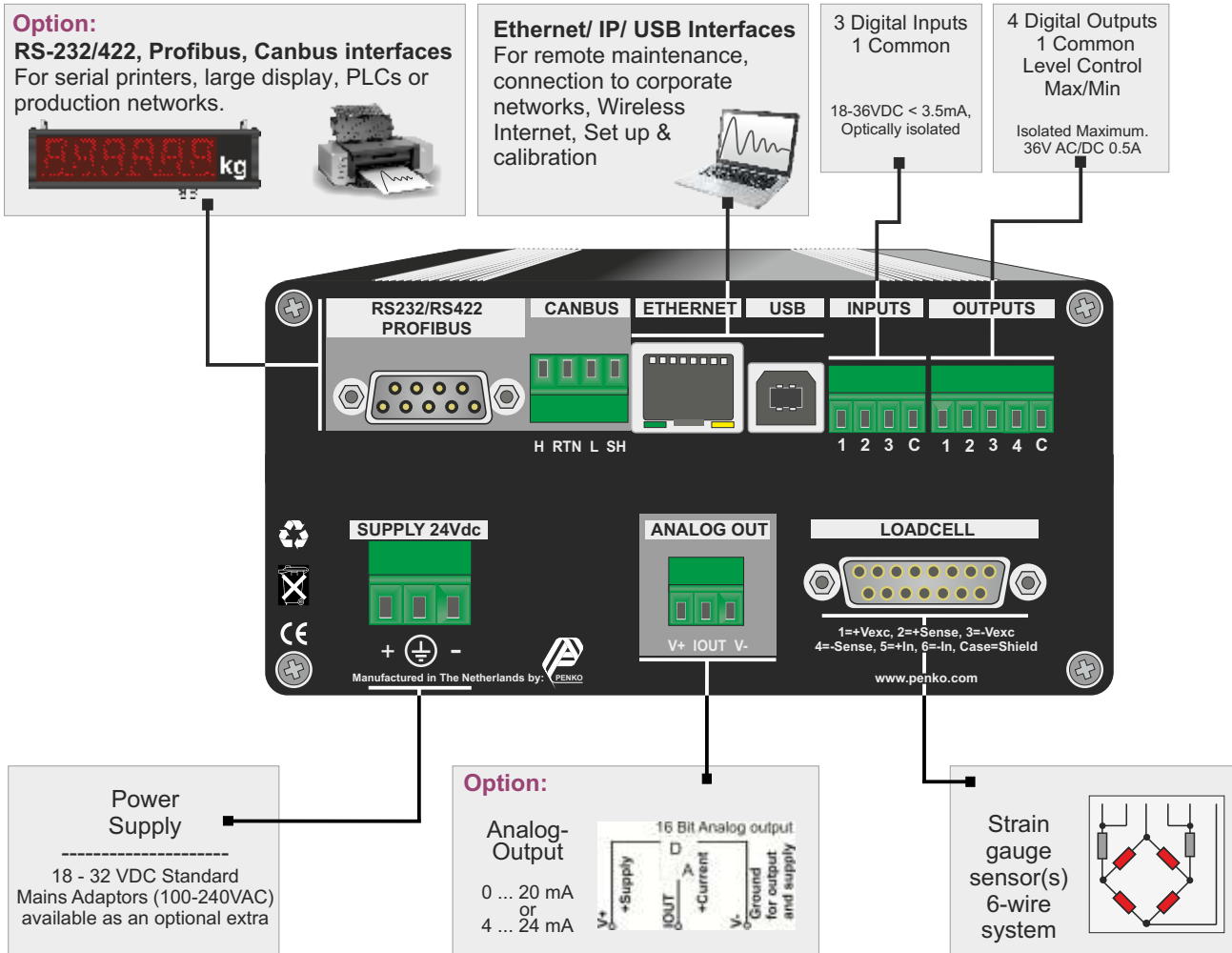
Digital Weighing Indicator

SENSOR
TECHNIQUES LIMITED



Digital Weight Indicator, 1020

- High performance Indicator for precise, fast measurements
- 1600 samples per second, 24 bit ADC 0.4 uV/div
- High resolution 2.8 inch colour TFT screen
- Compact aluminium housing for panel mounting
- 3 Digital Inputs and 4 Digital Outputs as standard
- Ethernet and USB interfaces included
- Can drive up to 8 off 350 Ohm load cells
- Calibration possible without weights
- Optional RS232/422/485/Canbus/Profibus interfaces
- Optional Analogue output
- Supply voltage 18 - 32 VDC 7.5 W max



Specifications are subject to change without prior notice

Specification

Load Cell Excitation Voltage	:: 5 VDC, capable of driving up to 8 load cells with 350 Ohm bridges
Input Signal Range	:: -0.2 mV/V to +3.5 mV/V (Unipolar) or -3.5 mV/V to +3.5 mV/V (Bipolar)
Digital Display	:: 2.8 inch colour TFT screen 320x240 pixels with 100,000 count display resolution.
ADC Resolution and Speed	:: 24 Bit ADC with up to 1600 samples per second. Sensitivity 0.4 uV/d.
Digital Inputs	:: 3 digital inputs; 12...30 VDC Logic levels
Setpoint outputs	:: 4 digital outputs, voltage 10..35 V AC or DC, max. current 0.5 A
Computer Interface	:: Ethernet and USB as standard. Optional RS232/422/485/Canbus/Profibus available
Operating Temperature range	:: -10°C to +40°C
Storage Temperature	:: -20°C to +70°C
Housing	:: Extruded Aluminium, Stainless steel available by special order (different dimensions)
Dimensions	:: 150 x 78 x 87 mm excluding mounting clip.
Power Supply	:: 18-32 VDC, 7.5 W Max. Optional mains adaptors available.

DS1020-2, 07/13