

Digital temperature display unit for all stationary IMPAC pyrometers.
With integrated supply voltage for 2-wire pyrometers.

DA 4000 • DA 4000-N



- 14 mm LED, 4-digits
- Input adjustable to 0...20 or 4...20mA
- Integrated 2-wire supply voltage
- Two programmable limit contacts (DA 4000 only)



DA 4000 and **DA 4000-N** are modern 4-digit microprocessor controlled mounting instruments with an integrated sensor supply to connect 2-wire systems.

The signal input is available with 0 ... 20 mA or 4 ... 20 mA (has to be specified when ordering).

DA 4000 is equipped with 2 separately adjustable potential-free limit switches with positive switch hysteresis.

Technical data:

Display:	14-segments LED, 14 mm, 4-digits
Indication range:	specify required range when ordering
Resolution:	1°C
Supply voltage:	230 V AC \pm 15%; 50...60Hz (DA 4000 also available with power supply 24 V DC) (115 V AC or 9...32 V DC on request)
Power consumption:	6 W
Measuring signal input:	0 ... 20 mA or 4 ... 20 mA, linear (indicate required input when ordering)
Supply for 2-wire instruments:	24 V DC; 25 mA
Operating temperature:	0 ... 50°C
Storage temperature:	-40 ... +85°C
Relative humidity:	90% at 40°C (non condensing)
Dimensions:	DA 4000: 96 mm x 48 mm x 156 mm (WxHxD) DA 4000-N: 96 mm x 48 mm x 115 mm (WxHxD)
Front panel cut-out:	92 mm x 45 mm
Weight:	DA 4000: 575 g DA 4000-N: 365 g
Protection class:	IP20 according to DIN 40050

DA 4000 only:

Limit contacts:	2 change-over contacts; max. 230 V AC/ 30 V DC; 6 A
Hysteresis of limit contacts:	+1% measuring range, minimum +2°C
Interference suppression of the limit contacts:	RC: 2500 pF; 200 Ohms

Scope of delivery:

Instrument, user manual

Reference numbers:

Instruments:

3 890 640	DA 4000-N: Display unit with 2-wire supply
3 890 650	DA 4000: Display unit with 2-wire supply and 2 limit contacts
3 891 120	DA 4000 with power supply 24 V DC



For international contact information,
visit advancedenergy.com.

sales.support@aei.com
+1 970 221 0108

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